

FINAL

**Faculty of Engineering**  
**Joint Health and Safety Committee Minutes**  
**June 11<sup>th</sup>, 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	Regrets
Bradley, Jonathan	Engineering Physics	Management Member	Present
Cleaver, Jim	Machine Shop	Worker Member	Regrets
Culley, Doug	Materials Science	Worker Member	Absent
Danta, Omar	SEPT	Worker Member	Present
Fleisig, Robert	Experiential Learning Office	Management Member	Regrets
Geng, Fei	SEPT (BTech/SEP)	Management Member	Present
Ghosh, Raja	Chemical Engineering	Management Member	Absent
Giamou, Matthew	Computing and Software	Management Member	Present
Han, Monica	Civil	Worker Member	Present
Harwood, Ron	Electrical Engineering	Worker Member	Absent
Kim, Younggy	Civil Engineering	Management Member	Present
Laframboise, Lisa (Certified Member)	Management Cert. Member	Management Member	Present
Lee, Michael	Mechanical Engineering	Worker Member	Absent
Longley, Jeff	General Eng	Management Member	Present
Mak, Lawrence	General Eng	Worker Member	Present
Malakhov, Dmitri	Materials Science	Management Member	Present
Marway, Heera	MMRI	Worker Member	Regrets
Nahid, Babak	Electrical Engineering	Management Member	Absent
Nakamura, John (Co-Chair)	Computing and Software	Worker Member	Present
Olaizola, Stephan	Electrical Engineering	Worker Member	Absent
Pare, Oliva	Civil	Worker Member	Absent
Princz, Marta	Biointerfaces Institute	Worker Member	Present
Raja, Haseeb	Civil - ADL	Worker Member	Present
Rajabzadeh, Amin	Biomedical	Management Member	Present
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	Present
Stevanovic, Doris (Certified Member)	CEDT	Worker Member	Present
Sullivan, Sarah	Management Staff Rep.	Management Member	Regrets
Tullis, Stephen (Co-Chair)	Mechanical Engineering	Management Member	Present
Waldon, Emily	Outreach	Management Member	Present
West, Leanne	Biointerfaces Institute	Management Member	Present
Xu, Fei	CUPE Unit 3	Worker Member	Absent
Zhang, Boyan	Biomedical	Management Member	Absent

<b>Vacant</b>	180 Bloor Street	Worker Member	-
<b>Vacant</b>	Biomedical	Worker Member	-
<b>Vacant</b>	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: _____ May 14 <sup>th</sup> , 2025 minutes Minutes were approved by 1 <sup>st</sup> D. Stevanovic and 2 <sup>nd</sup> by O. Danta	May 14 <sup>th</sup> , 2025 Minutes sent to UHS on June 20 <sup>th</sup> , 2025
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### 2. Business Arising

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

### 3. New Business

<p><u>Designated substance assessment: Arsenic (Chalcagonite glass containing Arsenic)</u></p> <p>-S. Sathiyavanthan reported that this is now on hold indefinitely. A new revised DSR will be submitted when they are ready to proceed.</p> <p><u>Panic Alarm Update</u></p> <p>-M. Robinson updated the group that she received a request from Campus Safety Services and has been visiting Engineering spaces to confirm button locations. A list has been compiled and submitted to CSS. M. Robinson will post the list to the JHSC Teams channel for any additional updating. It was requested that M. Robinson be copied on any new additions so that she may also notify CSS to update their list as well.</p> <p>-S. Tullis suggested that as part of lab inspections, to include that the panic alarms are clearly labelled.</p> <p><u>Creating Wet Lab in a Non-Wet lab Designated Classroom ABB-C419</u></p> <p>-A. Al-Fadhli will follow up directly with S. Sathiyavanthan to discuss requirements including acceptable water amounts, type of liquid being used, electrical outlet locations relative to desk and usage of liquid. The workstations will include soldering irons, filling station, and Dremel tools and queried in addition to the SOP what considerations are needed for safety.</p> <p>- S. Sathiyavanthan indicated a lead-free solder should be used as the use of lead is discouraged. If lead is to be used, then a designated substance report will need to be completed and submitted. A heat proof mat, and extractor will also be needed. A. Al-Fadhli and S. Sathiyavanthan will connect to review requirements and safety protocols. An SOP should also be created for this space.</p> <p><u>Completed Inspection Reports</u></p> <p>-D. Malakhov inquired about how the inspections reports should be kept/stored. It was clarified that the reports should be sent to the committee for review so that it becomes part of the record. A copy should also be kept in the department with the PI/Supervisor, such as a binder in the lab, to provide upon request by the Ministry as well as a copy to the so that they can address any infractions.</p>	<p>-S. Tullis requested members provide an</p>
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-It was also highlighted that inspections may not be performed as regularly as they should be and will be reviewed and discussed at the next JHSC meeting in July. -A reminder that J. Nakamura has created an online inspection reporting system.	update to the committee on the status of their inspection reporting at the July.
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#### 4. Incident Reports

<p>Presented by S. Sathiyavanthan:</p> <p>Chemical Engineering – ETB First Aid – Eye</p> <p><i>Incident:</i> Holding a carboy filled with pluronic acid (1 g/l) &amp; water as it was sterile filtered into flexboy using peristaltic pump. As carboy emptied pressure built up in tubing and caused the tubing to detach from its fitting, spraying liquid into eyes.</p> <p><i>Resolution:</i> Update the SOP for preparing media to include the following: wear safety goggles; perform the filtration in the fume hood (with media bags sitting outside); start filtering at low flow rate, then slowly ramp up the peristaltic pump.</p> <p>Computing and Software – ITB Hazard – No Injury</p> <p><i>Incident:</i> Admin Office was over 30 degrees Celsius for most of the day. Staff were very uncomfortable.</p> <p><i>Resolution:</i> Facility Services is performing maintenance work on the building heating and ventilation systems.</p> <p>Chemical Engineering – ETB Hazard – Spill – No Injury</p> <p><i>Incident:</i> Entry into lab, discovered minor spill at bioreactor location. Spill was due to reactor tubing line being blocked following tube change-over, causing fluid to leak out.</p> <p><i>Resolution:</i> The incident was a result of improper installation. SOPs updated to verify the integrity of tubing, installation, and to double checking the connection before finishing the procedure.</p> <p>Computing and Software – ITB Hazard – No Injury – Hazard</p> <p><i>Incident:</i> Renovation at ITB has caused disruptions, blocked exits, dust and fumes.</p> <p><i>Resolution:</i> The project manager has been made aware of the issues and will improve communication while collaborating with the construction company to better contain the dust, fumes, and work in a safer manner for all involved.</p>	
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#### 5. Safety Reports

AREA	REPORT SUBMITTED
1. CAS	Yes, report rec'd by M. Robinson. -Emergency contacts need to be updated on exterior door to lab space.
2. Chemical Engineering	No.
3. Engineering Physics/CEDT	Yes, some burnt out ceiling lights and stained ceiling tiles. -An inspection of JHE-326C revealed noise issues with construction happening in the JHE-109A. -Inspection of JHE-327 revealed an odor that seems to be coming from a fridge that

	hasn't been properly cleaned.
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>-S. Sathiyavanthan reminded the group that she has a summer student available for a physical inventory of chemicals. Members can reach out to her directly to arrange for the student to visit.</p> <p>- In collaboration with athletics and recreation and the PACE (Physical Activity Center of Excellence), McMaster's Pulse at PACE program will be back in July.</p> <p>-The HR, Health and Wellness team is recruiting for volunteers, if you're interested to volunteer for the McMaster Children's Party or Community engagement champions, healthy workplace or inspiring from within, application is available to complete.</p> <p>- The Okanagan group is winding down its operations. The work that they've been doing will transition to Student Wellness Center, Athletics and Recreation, Student Accessibility Services and the HR services. The programs will continue but the office is winding down.</p>	<p>- S. Sathiyavanthan will share details regarding the summer student in Teams.</p>
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#### 8. JHE Restructuring

None.	
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Motion to adjourn: Motion to adjourn 1<sup>st</sup> D. Stevanovic and 2<sup>nd</sup> by L. West.

NEXT MEETING: Wednesday, July 9<sup>th</sup>, 2025

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