

**Faculty of Engineering**  
**Joint Health and Safety Committee Minutes**  
**April 10, 2024 (Virtual Meeting)**

FINAL

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| <b>Management Member</b>                     | <b>Department</b>            | <b>Attendance</b> |
|--|------------------------------|-------------------|
| Jonathan Bradley                             | Engineering Physics          | Regrets           |
| Robert Fleisig                               | Experiential Learning Office | Regrets           |
| Fei Geng                                     | SEPT (BTech/SEP)             | Present           |
| Ridha Khedri                                 | Computing and Software       | Present           |
| Raja Ghosh                                   | Chemical Engineering         | Absent            |
| Carlos Filipe                                | Chemical Engineering         | Absent            |
| Younggy Kim                                  | Civil Engineering            | Present           |
| Ridha Khedri                                 | Computing and Software       | Absent            |
| Doug Keller - ( <i>Certified Member</i> )    | Management Cert. Member      | Present           |
| Joey Kish                                    | Materials Science            | Absent            |
| Shahin Sirouspour                            | Electrical Engineering       | Absent            |
| Sarah Novosedlik                             | Management Staff Rep.        | Present           |
| Stephen Tullis (Co-Chair)                    | Mechanical Engineering       | Present           |
| Sarah Alizerig                               | Outreach                     | Absent            |
| Boyan Zhang                                  | Biomedical                   | Absent            |
| Jeff Longley                                 | General Eng                  | Present           |
| <b>Worker Member</b>                         | <b>Department</b>            | <b>Attendance</b> |
| Stephan Olaizola                             | Electrical Engineering       | Absent            |
| Parmveer Bola                                | iBiomed                      | Absent            |
| Monica Han                                   | Civil                        | Regrets           |
| Oliva Pare                                   | Civil                        | Absent            |
| Aryen Shakib                                 | CUPE Unit 1                  | Absent            |
| Michael Lee                                  | Mechanical Engineering       | Absent            |
| Omar Danta                                   | SEPT                         | Present           |
| Heera Marway                                 | MMRI                         | Present           |
| Ed McCaffery                                 | Materials Science            | Absent            |
| John Nakamura ( <i>Co-Chair</i> )            | Computing and Software       | Regrets           |
| Timothy Stephens ( <i>Certified Member</i> ) | Chemical Engineering         | Present           |
| Doris Stevanovic ( <i>Certified Member</i> ) | CEDT                         | Present           |
| Kent Wheeler                                 | Civil                        | Absent            |
| Jim Cleaver                                  | Machine Shop                 | Present           |
| Lawrence Mak                                 | General Eng                  | Absent            |
| Martha Kafuko                                | Experiential Learning (ELO)  | Present           |
| Vacant                                       | 180 Bloor Street             | Absent            |
| Vacant                                       | Engineering Physics          | -                 |
| Vacant                                       | Biomedical                   | -                 |
| Vacant                                       | Hatch Building               | -                 |
| <b>Consultants/Guests</b>                    | <b>Department</b>            | <b>Attendance</b> |

|            |                              |         |
|------------|------------------------------|---------|
| Leah Allan | University Health and Safety | Present |
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| ISSUES FOR CENTRAL TO ADDRESS | Action Items |
|-------------------------------|--------------|
| None.                         |              |

### 1. Minutes and Announcements

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| <p>Minutes Approval:</p> <p>Stephen Tullis Management Co-Chair: _____</p> <p>John Nakamura, Worker Co-Chair: _____</p> <p>March 13<sup>th</sup>, 2024 minutes – minor changes.</p> <p>Minutes were approved by all committee members</p> | <p>March 13<sup>th</sup>, 2024<br/>Minutes sent to UHS on<br/>May 14<sup>th</sup>, 2024</p> |
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### 2. Business Arising

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| <p><b>1. Room Inspection Summary Lists (September–August yearly)</b></p> <p>None.</p>  |  |
| <p><b>2. Room inspections – Lab inspections – extra eyes</b></p> <p>-Members can contact L. Allan directly to arrange for her to come assist with inspections.</p> |  |

### 3. New Business

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| <p><u>University wide registration for Lasers (Class 3B, 4)</u></p> <p>-L. Allan confirmed that all Class 3B and 4 Lasers are required and must be registered. She went on to discuss examples including that if a laser of a lower class is altered or adjusted so that it becomes a Class 3B or 4 then it is required to be registered. If unsure of the class type or additional support, contact Leah Allan.</p> |  |
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### 4. Incident Reports

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| <p>Presented by L. Allan:</p> <p>Chemical Engineering – JHE-253<br/>First Aid - Burn</p> <p><i>Incident:</i><br/>After purchasing a bottle of 30% hydrogen peroxide from Lab Stores EE noticed finger was itchy and removed glove to find a blister had formed. Upon inspection of bottle, it was noticed the seal was missing on lid and bottle was wet.</p> <p><i>Resolution:</i><br/>EE instructed to inspect bottles at time of purchase and use a container to carry chemicals from stores.</p> <hr/> <p>Engineering Maker Space – Thode-B117E<br/>First Aid – Burn</p> |  |
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| <p><i>Incident:</i><br/>While rushing to finish their work, Student touched the hot end of a soldering iron and burned their right index finger. First Aid was given. Student had been trained and gloves and holders are available for soldering station.</p> <p><i>Resolution:</i><br/>PPE is provided and students are trained and shown how to store the soldering iron when not in use. Student cautioned to not rush and take more care.</p> <hr/> <p>Engineering Maker Space – Thode-B117E<br/>First Aid – Cut/Laceration</p> <p><i>Incident:</i><br/>While removing a drill bit with a chuck key, Student's hand slipped and was cut on the bit. First Aid was given</p> <p><i>Resolution:</i><br/>Students are reminded to ask staff for help if bits are difficult to remove. PPE is provided.</p> <hr/> <p>Mechanical Engineering – JHE Loading Dock<br/>Medical Symptoms – Healthcare</p> <p><i>Incident:</i><br/>While emptying metal chip bins, EE felt something in the back of their throat and assumed it was a metal chip. Sought healthcare as a preventative measure.</p> <p><i>Resolution:</i><br/>Less manual method of disposal should be considered. A face covering can also be worn for this practice.</p> <hr/> <p>Engineering – JHE-A106<br/>No Injury – Incident No FA</p> <p><i>Incident:</i><br/>There was a sudden release of pressure from a bomb calorimeter after detonation causing the lid of the insulation container (fitted with a thermocouple) to fly off and a student performing the experiment to be splashed with distilled water.</p> <p><i>Resolution:</i><br/>The incident is still under investigation - the head of the calorimeter may not have been seated properly, causing it to release vs contain the oxygen detonation and only partially combust the sample inside.</p> |  |
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## 5. Safety Reports

| AREA                        | REPORT SUBMITTED   |
|-----------------------------|--|
| 1. CAS                      | No.  |
| 2. Chemical Engineering     | Eng Phys offices in the Annex. Lights out, ceiling tiles missing or stained, dirty return air vent. Work orders have been submitted. |
| 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. | Yes, received by M. Robinson. |
| 9. MMRI                     | No.                           |
| 10. SEPT & BTech            | No.                           |
| 11. HATCH                   | No.                           |
| 12. Machine Shop            | No.                           |
| 13. 180 Bloor Street        | No.                           |

#### 6. Central Committee Minutes/Incidents

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| -L. Allan reminded that as part of SHWEEK, On May 8 <sup>th</sup> , there will be an indoor BBQ in MUSC Marketplace, and will include vendor fair and free lunch for committee members. |  |
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#### 7. Other Business

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| None. |  |
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#### 8. JHE Restructuring

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| -S. Tullis reminded member to email John Nakamura with any restructuring changes. |  |
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Motion to adjourn: Motion to adjourn 1<sup>st</sup> D. Keller and 2<sup>nd</sup> D. Stevanovic

NEXT MEETING: Wednesday, May 8<sup>th</sup>, 2024

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