

Agenda – May 25, 2021
Group 9 (College of Engineering) Health and Safety Committee

1. Attending

Carter Beamish or Rachel Reichert, AA
Colleen Irvin, BioE
Sean Yeung or Michael Brett, CEE
Michael Pomfret, CEI
Kameron Harmon, ChemE
M. Glidden, CoE DO
Alex Lefort or Adrian dela Cruz, CSE
Mike Kane or Ary Prasetyowati, ECE

S. Honeydew or Erin McKeown, EH&S
Stacia Green, HCDE
Sheila Prusa or Neelu Rajvanshi, ISE
Dzung Tran or Bill Kuykendall, ME
John Young or M. Weaver, MoIES/NanoES
Tatyana Galenko, MSE
N. Shane Patrick or Maria Huffman, WNF

2. Previous Meeting Minutes

- April 2021 – approve? Corrections/additions?
- Minutes posted at <https://www.engr.washington.edu/mycoe/safety#> and safety boards.

3. Department Incident Reports (use “5 Why’s” analysis for one report)

- AA @ Marymoor (#2021-04-021) – RC aircraft crashed outside of field boundaries.
- AA @ Sand Point Building 5 (#2021-04-022) – Cut occurred during attempted materials move.
- CSE @ Gates Center for CSE (#2021-04-025) – Collision between two robots and glass partition.
- ChemE @ Benson (#2021-04-027) – Small spill of Cadmium Octadecene in fume hood.
- Collaboration Core @ Bagley (#2021-04-037) – Needle puncture on hand.
- BioE @ SLU2 Lab South (#2021-04-047) – Forceps puncture on hand.
- WNF @ Fluke (#2021-04-051) – Fluorescent lamp broken during attempted replacement.

4. Group Business

- Elect Alexander Lefort as the second U-Wide representative and change Stacia Greene's status to Group 9's third, non-voting, U-Wide representative. The Health & Safety Committee Charter states that the Chair must be one of the two primary U-Wide representatives.
- Christine Kang, representative of UAW 4121 (ASE), will be stepping down as our union representative to complete her doctoral degree. Congratulations, Christine!
- Discuss updates on Chemical Inventory management and disposal.
- Discuss updates on surplus issues regarding lab equipment.
- Mary Larson (MHCI+D) asks if anyone has useful SOPs for COVID-safe protocols around video camera usage between users.
- Discuss how to view incident reports moving forward with new Tableau interface.

5. UW-Wide Meeting

- April minutes attached
- May agenda attached. Highlights:
 - COVID-19 Vaccine update, pop-up clinics are appearing such as Burgers and Shots, with Dick's Burgers.
 - Updated information for those that are fully vaccinated put out by the UW.
 - Regardless of vaccine status, stay home if you have symptoms.
 - Walkup testing is now available, but there are appointments if preferred.
 - Graduation guidance has been updated.

- Information on supporting youth engagement during COVID-19 prevention. Contact Caroline Shelton if you are planning any youth engagement. Her office can help plan and execute protocols for safe interface with students under 17, whether online or in person, on campus or off campus. The UW has contact with over 300,000 youth every year.
- Lab Safety Inspection Program update:
 - In addition to all other information requested, they now ask who lab members are and follow up to make sure that they all have the Managing Lab Chemicals training at minimum. PI's should always keep an updated list of personnel.
 - Chemical Hygiene Plan updated.
 - PI dashboard updated with a staff list. Just type in the netID and status of their training.
- The new train station is opening soon, with lots of events & announcements.
- One lab found a source for fog-resistant safety glasses that are easier to wear with masks from Grainger.

6. Member Updates

Next Meeting: June 29th at 2pm, via Zoom

DRAFT Meeting Minutes
Health and Safety Committee for Group 9 (College of Engineering)

Meeting Date: April 27, 2021 (via Zoom)

Attended

Carter Beamish, AA
Christine Kang, UAW 4121 (ASE)
Colleen Irvin, BioE
Sean Yeung, CEE
Michael Pomfret, CEI
Kameron Harmon, ChemE
Alexander Lefort, CSE

Sonia Honeydew, EH&S
Sheila Prusa, ISE
Dzung Tran, ME
John Young, MoES/NanoES
Tatyana Galenko, MSE
N. Shane Patrick, WNF
Maria Huffman, WNF

Absent

Michael Glidden, CoE DO
Stacia Green, HCDE

Ary Prasetyowati, ECE
Mike Kane, ECE

Previous Meeting Minutes

- March 2021 – approved as is.
- Previous meeting minutes are at: <https://www.engr.washington.edu/mycoe/safety#>.
EH&S recommends each department/group post paper copies on their safety board and inform employees of the name of their rep.

Incident Reports

DRAFT Meeting Minutes

Health and Safety Committee for Group 9 (College of Engineering)

- ME (#2021-03-017) - Dzung stated that this incident was foreseen as inevitable, so they were prepared for when it would happen, although this is the first time that we know of that this has occurred. Colleen suggested replacing the broken window pane with one that has a non-glass panel at the height of most car hoods, but Sonia stated that, due to the historical status of the building, this would be difficult to justify. Dzung stated that a frequent suggestion is to bump up the size of the parking block, but due to the narrow street there is a concern that this may force vehicles attempting to park to block the street for larger vehicles such as garbage trucks. The room on the other side of the window is a lab. Kameron mentioned that they should ensure no storage containers, expensive equipment, or hazardous items should be stored on that side of the room in case this happens again. This report has been provisionally closed unless Dzung hears from department leadership and EH&S that car pylons are possible to install without obstructing the parking of a vehicle.
- WNF (#2021-03-037) - Shane offered to the group that he was both the reporter and the subject of this report and had Maria Huffman attend the meeting as an additional source of information from WNF due to this. No injury occurred. Five-Why's analysis was used on this report: An acid splash onto user's lab coat occurred because proper PPE was not donned to protect the user and lab coat, because there was a rush to bring the acid waste treatment plant back online because not immediately getting the acid treatment plant back online would necessitate the shut-down of the rest of the facilities because the overflowing acid waste tank would have spilled over, because the acid treatment plant wasn't processing new acid waste because the titration material tank was empty because it was not checked as it usually was weekly. A reminder to lab users to keep on the schedule to check the titration tank weekly was sent out. It was also mentioned that, due to the late nature of the incident, Shane did not have a buddy on hand, who would have provided a reminder of the necessary PPE. Shane has mentioned that this was a great reminder to always abide by protocol regardless of how small/quick a task seems. This report has been marked as closed.
- BioE (#2021-03-049) - Sonia stated that this report was simply included on Group 9's agenda as an FYI, but that HSC Group 4 would be handling it. Colleen mentioned that these students were learning for the first time how to handle mice and, as such, when hesitation occurs, the much faster mice will end up biting one of the students. Although blood was drawn (blood blister), worn glove protected the student from direct contact with the mouse's teeth. Group 9's participation in this report is done.
- MolE/NanoE (#2021-03-078) - John Young is waiting for a response from the lab in question for more information. Sonia says that Chemistry department's Eric Camp, Chair of Group 6, has seen several needle pricks recently as well. She recommends John and Eric connect and share information on how to reduce and prevent these incidents. This report is tabled until May 2021's meeting.

DRAFT Meeting Minutes

Health and Safety Committee for Group 9 (College of Engineering)

- ME (#2021-03-079) - Dzung does not know much about this event yet and is reaching out to the group to gather more information. This report is tabled until May.

Group Business

- Our Environmental Programs contact, Raymond Noble, was unable to present at the meeting due to a slew on projects coming down the pipeline at Environmental Programs. He did, however, give information to relay to the group and said that he is open to any specific situational questions via email. Alexander Lefort relayed information provided to the group:
- On surplus lab equipment:
 - Environmental Programs states that only the decon form should be required for equipment pick-up for surplus, as well as an asset tag.
 - However, Kameron, Colleen, Mike Pomfret, and John have all experienced Moving Services still rejecting these items, saying they cannot pick them up.
 - The departments are told that they are not allowed to throw away these high-value items, but then are told by Moving Services that they should just throw them out. Departments are sending in and paying for Moving Services to remove these, only to be rejected and these pieces left on loading docks and in hallways.
 - This has been particularly an issue with pressure vessels.
 - Alexander will connect with Environmental Programs and Moving Services to ask where the disconnect on these items is.
- On chemical inventory clean-outs after abrupt PI departure:
 - Krystyn Lowe, of Environmental Programs, passed on tips to solve the issue of no related staff/faculty to the closing lab who would otherwise be able to sort through and dispose of the chemical inventory.
 - Instead, an administrator (who is not the Building Coordinator, who still needs to retain the "viewer" designation in MyChem; see last meeting notes for more information) of the department could be assigned as temporary owner of the inventory.
 - Departments mentioned that this would be cumbersome on the 3rd party, as the Building Coordinator would need to continuously work through them to submit chemical pick-up requests.
 - Alexander will bring this issue back to Krystyn for alternative recommendations.

UW-Wide Meeting

DRAFT Meeting Minutes

Health and Safety Committee for Group 9 (College of Engineering)

- March minutes attached.
- April agenda attached. Highlights:
 - Sheryl Schwartz, EH&S assistant director for campus preventative health gave the COVID-19 update. Variants are on the increase, 40% of positive tests are the California variant which is not as transmissible as the UK variant, but still about 22% more transmissible than the original one. The UW will provide vaccines to all employees and students as soon as supply is available, get on the waitlist and they will contact you.
 - Whether or not vaccines will be required to return to campus is still under review.
 - The Healthy WA- Roadmap to Recovery and the metrics used to determine what is allowed in Phases I, II and III were reviewed. Again, all of the Governor's guidance is for your personal life, and does not determine what will be allowed on campus when we get back. We will all probably be required to wear masks all the time while we are at work regardless of vaccine status.
 - Erin McKeown went through the 2020 Accident Summary in some detail, comparing and contrasting the results from each of our Groups and all the medical centers. Remember to report near misses, they can help identify areas of concern and are a valuable statistic.
 - OARS reports will soon be available on Tableau (rather than pdfs with redactions) there is a team working on this.

Department Updates

- HCDE - Phase three Back to Work plan in place. The building is closed, but anyone permitted into the building must abide by the plan. Specific rooms have been selected to allow a max of ten people inside for in-person meetings while socially distanced.
- MSE - Professors will be moving out in the coming months. Because of this, they are very interested in the information we find out about chemical inventory clean-outs and how to circumvent the restrictions on building coordinators being unable to 'own' an inventory.

DRAFT Meeting Minutes

Health and Safety Committee for Group 9 (College of Engineering)

- WNF - lab spaces taken over by new professors can have dramatically changed procedures. Is there any consideration for changes if the new groups use dangerous chemicals with respect to how the floors are treated above other spaces? For example, there was a chemical leak from an above area recently - which thankfully turned out to be just water - that dripped from an above lab into a lower area. Is there any policy or check-in with new groups to ensure that their lab is sufficiently separated from other areas?

Adjournment

- Adjourned at 3:17 PM. Delayed due to discussion on chemical collections confusions.

Next Meeting

- May, 25th, 2021 at 2pm via Zoom.



Report Number: 2021-04-021

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **UNDERGRADUATE STUDENT**

Date Reported (mm/dd/yyyy) : **04/07/2021**

Department: **ENG: Aeronautics and Astronautics**

Time Reported: **08:00 PM**

Person Involved or Affected

Department: **ENG: Aeronautics and Astronautics**

Incident Details

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **04/03/2021**

Incident Location:

Time of Incident: **04:00 PM**

Room:

Other: **Marymoor RC Club**

Incident Summary: **student club's RC aircraft crashed outside field boundaries. no injury.**

Supervisor

Full Name: **Dana Dabiri**

Phone: **+1 206 543-6067**

Occupation / Position: **UNDERGRADUATE STUDENT**

Email: **dabiri@uw.edu**

Department: **ENG: Aeronautics and Astronautics**

Classification

Property damage only

Has Attachement(s):

Type of Incident

Injury Description (none, if no injury/exposure): **Property Damage Only**

Body Parts Affected (none, if no injury/exposure): **None**

Cause of Injury/ Damage, or Potential Injury/Damage: **Motor Vehicles, Bicycles, etc.; Struck or Pinched by Moving Object**

Slip/Trip/Fall InformationSlip: **None**Trip: **None**Fall From Same Level: **None**Fall From Elevated Height: **None**Stairs: **None****Contributing Factors**Equipment: **None**Environment: **None**Policies / Procedures: **None**Human Factors: **None****Suggested Corrective Actions by Affected Party**Suggested Corrective Actions: **Change/review work procedures****Create a more conservative Fly Zone. If an Aircraft exits the zone, it will immediately be put down safely. This will prevent the issue of leaving the field boundaries.****Supervisor's Comments**

Root Causes:

Recomendations / Preventive Measures:

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy) :

Corrective Actions Complete Date (mm/dd/yyyy) :

EH&S Comments**fwd: Natalie Daranyi, Eleanor Wade, Scott Nelson, Alex Hagen**



Report Number: 2021-04-022

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **PROJECT APPOINTMENT - OVERTIME EXEMPT (E S X)**

Date Reported (mm/dd/yyyy) : **04/08/2021**

Department: **ENG: Aeronautics and Astronautics**

Time Reported: **02:00 PM**

Person Involved or Affected

Department: **ENG: Aeronautics and Astronautics**

Incident Details

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **03/16/2021**

Incident Location: **SAND POINT BUILDING 5 (A,B,C,D)**

Time of Incident: **01:00 PM**

Room: **D**

Other:

Incident Summary: **minor cuts on hands from moving rough and sharp objects**

Supervisor

Full Name: **Rachel Reichert**

Phone: **+1 206 616-1116**

Occupation / Position:

Email: **rreicher@uw.edu**

Department: **ENG: Aeronautics and Astronautics-Administrative**

Classification

Injury or Exposure, no first aid required

Has Attachement(s):

Type of Incident

Injury Description (none, if no injury/exposure): **Cut, Laceration, Puncture, Scratch, Abrasion (Open Wound)**

Body Parts Affected (none, if no injury/exposure): **Fingers**

Cause of Injury/Damage, or Potential Injury/Damage: **Broken Glass, Splinter, Sharp Furniture Edge, etc.; Contact with Object: Bumped into Something**

Slip/Trip/Fall Information

Slip: **None**

Trip: **None**

Fall From Same Level: **None**

Fall From Elevated Height: **None**

Stairs: **None**

Contributing Factors

Equipment: **None**

Environment: **None**

Policies / Procedures: **None**

Human Factors: **None**

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: **Provide PPE**

Supervisor's Comments

Root Causes: **unclear procedures on moving responsibilities**

Recomendations / Preventive Measures: **discussed with Facilities manager. In the future materials in storage spaces will not be moved without checking with the administrator and ensuring proper EHS protocols are followed. If faculty are going to view materials in storage space that is not their lab and moving may be involved, the administrator will be present.**

Other Comments: **Discussed with facility manager and implemented new expectations around moving. Also reminded FM that there is support if needed to bring in moving to move large items as appropriate**

Corrective Actions Target Date (mm/dd/yyyy) : **03/22/2021**

Corrective Actions Complete Date (mm/dd/yyyy) : **03/22/2021**

EH&S Comments

fwd: Tracy Harvey, Ellie Wade



Report Number: 2021-04-025

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **RESEARCH ASSISTANT (E S UAW ASE)**

Date Reported (mm/dd/yyyy) : **04/09/2021**

Department: **ENG: Computer Science & Eng - Boots JM Student**

Time Reported: **12:00 PM**

Person Involved or Affected

Department: **ENG: Computer Science & Eng - Boots JM Student**

Incident Details

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **04/08/2021**

Incident Location: **Bill & Melinda Gates Center for Computer Science &**

Time of Incident: **03:00 PM**

Room: **G60**

Other:

Incident Summary: **during testing, robot crashed into wall and another robot**

Supervisor

Full Name: **Byron E Boots**

Phone:

Occupation / Position:

Email: **bboots@uw.edu**

Department: **ENG: Computer Science and Engineering**

Classification

Property damage only

Has Attachement(s):

Type of Incident

Injury Description (none, if no injury/exposure): **Property Damage Only**

Body Parts Affected (none, if no injury/exposure): **None**

Cause of Injury/ Damage, or Potential Injury/Damage: **Machinery**

Slip/Trip/Fall InformationSlip: **None**Trip: **None**Fall From Same Level: **None**Fall From Elevated Height: **None**Stairs: **None****Contributing Factors**Equipment: **None**Environment: **None**Policies / Procedures: **None**Human Factors: **None****Suggested Corrective Actions by Affected Party**Suggested Corrective Actions: **Change/review work procedures**

We should ensure that one person on site is always within arm's reach of the e-stop, whenever the Warthog robot is powered on. This person should know clearly that they are the person responsible for stopping the robot if it ever starts moving unexpectedly.

Supervisor's Comments

Root Causes:

Recomendations / Preventive Measures:

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy) :

Corrective Actions Complete Date (mm/dd/yyyy) :

EH&S Comments**fwd: Natalie Daranyi, Scott Nelson, Tracy Harvey, Ellie Wade**



Report Number: 2021-04-027

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **RESEARCH TECHNOLOGIST 1 (NE S SEIU 925 RT)**

Date Reported (mm/dd/yyyy) : **04/08/2021**

Department: **ENG: Chemical Engineering- Pozzo Lab**

Time Reported: **01:00 PM**

Person Involved or Affected

Department: **ENG: Chemical Engineering- Pozzo Lab**

Incident Details

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **04/08/2021**

Incident Location: **BENSON HALL**

Time of Incident: **12:00 PM**

Room: **B15/Fumehood**

Other:

Incident Summary: **35mL of 0.084 molar solution of Cadmium Octadecene spilled in fume hood**

Supervisor

Full Name: **Lilo D Pozzo**

Phone: **+1 206 685-8536**

Occupation / Position:

Email: **dpozzo@uw.edu**

Department: **ENG: Chemical Engineering-Faculty**

Classification

Near miss (No incident occurred but it could have)

Has Attachement(s):

Type of Incident

Injury Description (none, if no injury/exposure): **None**

Body Parts Affected (none, if no injury/exposure): **None**

Cause of Injury/ Damage, or Potential Injury/Damage: **Chemicals**

Slip/Trip/Fall Information

Slip: **None**

Trip: **None**

Fall From Same Level: **None**

Fall From Elevated Height: **None**

Stairs: **None**

Contributing Factors

Equipment: **None**

Environment: **None**

Policies / Procedures: **None**

Human Factors: **None**

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: **Change work area layout / design**

Use secondary containers whenever dealing with large (greater than 50mL) of hazardous chemicals.

Supervisor's Comments

Root Causes: **One root cause of the near-miss was the lack of a secondary container during sample preparation. This was not mentioned in the original SOP of the associated work. A stock solution was spilled during the act of sample preparation by hitting a jar with the pipette. All other measures for containment and cleanup of the spill were implemented successfully to maintain safe operation.**

Recommendations / Preventive Measures: **We have updated the associated SOPs to clarify that work involving cadmium salt solutions (such as cadmium oleate) needs to be performed with a secondary containment measure to minimize the impact of small spills. We also include provisions for the need for work in an area free of clutter and for capping of stock solutions when they are not in use.**

Other Comments: **We have updated the SOP with clarifications about containment and with more information as suggested by EH&S (Tracy).**

Corrective Actions Target Date (mm/dd/yyyy) : **04/13/2021**

Corrective Actions Complete Date (mm/dd/yyyy) : **04/20/2021**

EH&S Comments

fwd: Tracy Harvey, Ellie Wade



Report Number: 2021-04-037

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **RESEARCH SCIENTIST/ENGINEER 3 (E S 8)**

Date Reported (mm/dd/yyyy) : **04/16/2021**

Department: **ENG: Collaboration Core - RTT Managers**

Time Reported: **01:00 PM**

Person Involved or Affected

Department: **ENG: Collaboration Core - RTT Managers**

Incident Details

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **04/15/2021**

Incident Location: **BAGLEY HALL**

Time of Incident: **08:00 PM**

Room: **453**

Other:

Incident Summary: **while working in glove box, punctured finger with needle containing CsPbBr₃ in toluene solution**

Supervisor

Full Name: **David S Ginger Jr**

Phone: **+1 206 685-2331**

Occupation / Position:

Email: **dginger@uw.edu**

Department: **CAS: Chemistry**

Classification

Injury requiring first aid

Has Attachement(s):

Type of Incident

Injury Description (none, if no injury/exposure): **Cut, Laceration, Puncture, Scratch, Abrasion (Open Wound)**

Body Parts Affected (none, if no injury/exposure): **Hands, Wrists**

Cause of Injury/ Damage, or Potential Injury/Damage: **Needle/Scalpel/Medical Sharps (Clinical, Research, Teaching)**

Slip/Trip/Fall InformationSlip: **None**Trip: **None**Fall From Same Level: **None**Fall From Elevated Height: **None**Stairs: **None****Contributing Factors**Equipment: **None**Environment: **None**Policies / Procedures: **None**Human Factors: **None****Suggested Corrective Actions by Affected Party**Suggested Corrective Actions: **Provide safety training; Change/review work procedures; Other**

Update SOP of chemical handling in glove box to reflect using needles for specific chemical containers. Will retrain user on proper handling, notify all users of new update on SOP, and train all new users to handle syringes in the glove box. Will also seek out needles that may be easier to place in their sleeve/cap after use.

Supervisor's Comments

Root Causes:

Recomendations / Preventive Measures:

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy) :

Corrective Actions Complete Date (mm/dd/yyyy) :

EH&S Comments

fwd: Judy Cashman, Eleanor Wade, Zara Llewellyn, Tracy Harvey



Report Number: 2021-04-047

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **RESEARCH ASSISTANT (E S UAW ASE)**

Date Reported (mm/dd/yyyy) : **04/23/2021**

Department: **SOM: Bioengineering: Dr. Berndt Lab JM Student**

Time Reported: **04:00 PM**

Person Involved or Affected

Department: **SOM: Bioengineering: Dr. Berndt Lab JM Student**

Incident Details

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **04/23/2021**

Incident Location: **SLU2 LAB SOUTH**

Time of Incident: **04:00 PM**

Room: **442**

Other:

Incident Summary: **Poked thumb with forcep. Potential exposure to human recombinant DNA.**

Supervisor

Full Name: **Andre Berndt**

Phone: **+1 206 221-4944**

Occupation / Position:

Email: **berndtuw@uw.edu**

Department: **ENG: Bioengineering**

Classification

Injury or Exposure to a Hazard -- no first aid required

Has Attachement(s):

Type of Incident

Injury Description (none, if no injury/exposure): **Cut, Laceration, Puncture, Scratch, Abrasion (Open Wound)**

Body Parts Affected (none, if no injury/exposure): **Fingers**

Cause of Injury/Damage, or Potential Injury/Damage: **Needle/Scalpel/Medical Sharps (Clinical, Research, Teaching)**

Slip/Trip/Fall Information

Slip: **None**

Trip: **None**

Fall From Same Level: **None**

Fall From Elevated Height: **None**

Stairs: **None**

Contributing Factors

Equipment: **None**

Environment: **None**

Policies / Procedures: **None**

Human Factors: **None**

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: **Other**

Being more careful next time, not to use too much force.

Supervisor's Comments

Root Causes: **used too much force while transferring coverslips.**

Recomendations / Preventive Measures: **Additional training and using double gloves to prevent similar injuries in the future.**

Other Comments: **We will repeat the training involving the transfer of coverslips on 4/28.
We will use double gloves for the same procedure in the future.**

Corrective Actions Target Date (mm/dd/yyyy) : **04/28/2021** Corrective Actions Complete Date (mm/dd/yyyy) :

EH&S Comments

fwd: Judy Cashman, Eleanor Wade, Zara Llewellyn



Report Number: 2021-04-051

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **RESEARCH ENGINEER**

Date Reported (mm/dd/yyyy) : **04/28/2021**

Department: **ENG: Collaboration Core - WNF Staff**

Time Reported: **05:00 PM**

Person Involved or Affected

Department: **ENG: Collaboration Core - WNF Staff**

Incident Details

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **04/28/2021**

Incident Location: **FLUKE HALL**

Time of Incident: **03:00 PM**

Room: **125D**

Other:

Incident Summary: **broke fluorescent lamp, followed spill procedures. potential mercury exposure.**

Supervisor

Full Name: **Maria Huffman**

Phone: **206-543-5101**

Occupation / Position:

Email: **mhuffm@uw.edu**

Department: **ENG: Collaboration Core - WNF Managers**

Classification

Injury or Exposure to a Hazard -- no first aid required

Has Attachement(s):

Type of Incident

Injury Description (none, if no injury/exposure): **None**

Body Parts Affected (none, if no injury/exposure): **None**

Cause of Injury/Damage, or Potential Injury/Damage: **Broken Glass, Splinter, Sharp Furniture Edge, etc.; Chemicals**

Slip/Trip/Fall InformationSlip: **None**Trip: **None**Fall From Same Level: **None**Fall From Elevated Height: **None**Stairs: **None****Contributing Factors**Equipment: **None**Environment: **None**Policies / Procedures: **None**Human Factors: **None****Suggested Corrective Actions by Affected Party**Suggested Corrective Actions: **Change/review work procedures; Other****Affected party will not change any more fluorescent lamps.****Supervisor's Comments**

Root Causes: **The WNF employee was working alone at the time and since he was using a ladder, the bulb was broken as he was climbing down. The exact cause for the broken bulb is not known but something hit it causing the break. The employee mentioned that this bulb seemed more fragile than others so there is a possibility the bulb could have been defective.**

Recomendations / Preventive Measures: **1. This task will be transitioned to the appropriate Facilities team.
2. If this task will be up to the WNF staff to carry out, there will be a new standard procedure for partnering with another team member to get this done, especially when there is a ladder involved.**

Other Comments: **A discussion between the staff member, the Safety and Operations Manager and myself concerning this incident was carried out and we have agreed on next steps as described in the previous section.
Note: Due to the high air flow in the WNF cleanroom, EH&S have previously ruled that any potential Hg release from a broken bulb is not an evacuation or health concern.**

Corrective Actions Target Date (mm/dd/yyyy) : **05/31/2021** Corrective Actions Complete Date (mm/dd/yyyy) :**EH&S Comments**

fwd: Eleanor Wade, Judy Cashman, Zara Llewellyn, Tracy Harvey

E. Wade conducted reporting party (RP) and confirmed that the correct processes were used to clean up this broken lamp (referenced EH&S guidance sheet). No visible residues were observed, no porous materials impacted, and the location of the break was a highly-ventilated area in Fluke Hall. Mercury Monitoring was not deemed necessary. RP was instructed to contact E..

U-WIDE HEALTH AND SAFETY COMMITTEE

4/14/2021 Meeting Minutes | 1:00 p.m. - 2:30 p.m. |

Elected Member*		Appointed Member*		Faculty Senate Member*	
<input checked="" type="checkbox"/>	Ryan Hawkinson (1)	<input checked="" type="checkbox"/>	Mark Pekarek (2)	<input type="checkbox"/>	Ian Bennett
<input checked="" type="checkbox"/>	Carmen Parisi (1)	<input checked="" type="checkbox"/>	Kurt Oglesby (3)		
<input checked="" type="checkbox"/>	Erick Rostad (2)	<input checked="" type="checkbox"/>	Beth Hammermeister (4)		
<input type="checkbox"/>	Tony Colinares (3)	<input checked="" type="checkbox"/>	Liz Kindred, Vice-chair (5)	Labor Union Member*	
<input type="checkbox"/>	Christine Aker (4)	<input checked="" type="checkbox"/>	Sheila Prusa (9)	<input checked="" type="checkbox"/>	Paula Lukaszek, WFSE Local 1488
<input checked="" type="checkbox"/>	Michael Sage (5)	<input checked="" type="checkbox"/>	David Zuckerman (10)	<input checked="" type="checkbox"/>	Christine Kang, UAW 4121
<input checked="" type="checkbox"/>	Eric Camp (6)			<input checked="" type="checkbox"/>	Ann Aumann, SEIU 925
<input checked="" type="checkbox"/>	Tamara Leonard (6)			<input checked="" type="checkbox"/>	Amanda Clouser, UAW 4121
<input type="checkbox"/>	Martin Arroyo (7)				
<input type="checkbox"/>	Alexa Russo (7)				
<input checked="" type="checkbox"/>	Wade Haddaway (8)				
<input checked="" type="checkbox"/>	Christopher Barrett (8)			<input checked="" type="checkbox"/>	= attended meeting
<input checked="" type="checkbox"/>	Stacia Green (9)			*	= voting members
<input type="checkbox"/>	David Warren (10)			13	= # of voting members for quorum
Ex-Officio Member		Ex-Officio Member		Env. Health & Safety Member	
<input checked="" type="checkbox"/>	Tracey Mosier, UWF	<input checked="" type="checkbox"/>	Rick Gleason, DEOHS	<input type="checkbox"/>	Katia Harb
<input checked="" type="checkbox"/>	Chris Pennington, UWF	<input checked="" type="checkbox"/>	Felicia Foster, AGO	<input checked="" type="checkbox"/>	Denise Bender
<input checked="" type="checkbox"/>	Steve Charvat, UWEM	<input type="checkbox"/>	Nancy Gwin, AGO	<input checked="" type="checkbox"/>	Erin McKeown
<input type="checkbox"/>	Barry Morgan, UWEM	<input checked="" type="checkbox"/>	Ken Nielsen, Risk Services	<input checked="" type="checkbox"/>	Sonia Honeydew
<input checked="" type="checkbox"/>	Lt. Chris Jaross, UWPD	<input type="checkbox"/>	Susan Wagshul-Golden, UWT	<input checked="" type="checkbox"/>	Manisha Konnur
		<input checked="" type="checkbox"/>	Allyson Long, UWB	<input type="checkbox"/>	Jenna Gravley
				<input checked="" type="checkbox"/>	Tracy Harvey
Guests				<input type="checkbox"/>	Alex Hagen
<input checked="" type="checkbox"/>	Sheryl Schwartz, EH&S				

Agenda

1. Call to Order
2. Attendance/Quorum
3. Approval of March Meeting Minutes
4. COVID-19 Update
5. 2020 Accident Summary
6. Organizational Group Reports
7. Union Reports
8. Ex-Officio Reports
9. EH&S Updates: L&I and General
10. Good of the Order
11. Adjourn

Minutes by Sonia Honeydew

This meeting was conducted on Zoom to adhere to physical distancing protocols during the COVID-19 pandemic per guidance from the Washington State Department of Health, and the Centers for Disease Control and Prevention. The meeting was recorded.

1. Call to Order

U-Wide Chair Carmen Parisi called the meeting to order at 1:03 pm.

2. Attendance/Quorum

Manisha verified that attendance was counted and quorum was not met. Carmen delayed the Approval of March Meeting Minutes until quorum was met.

3. COVID-19 Update

Sheryl Schwartz, Assistant Director for Campus Preventive Health, presented for Katia Harb. Sheryl reported on case trends in Washington: cases, hospitalizations, and variant concerns are all increasing, but vaccination rates continue to increase and death rates are not increasing. As of yesterday, 34% of Washingtonians had initiated their vaccinations and 22% were fully vaccinated. At UW there was a spike of cases after spring break, mostly students, but that spike is subsiding. Husky Coronavirus Testing Program reports that 40% of UW's cases are the California variant, which is 22% more transmissible than the original strain (as opposed to the UK variant, which is 50% more transmissible). Sheryl reviewed the [UW COVID-19 Case Tracking Dashboard](#).

Sheryl reported on vaccination progress. As of tomorrow, Washingtonians age 16 and older will be eligible for vaccination. UW Medicine offers vaccines to their patients and the UW community (including UWB and UWT), and plans to have pop-up vaccine sites on Seattle campus later this spring. See <https://www.washington.edu/coronavirus/vaccines/>. UW Tacoma is considering partnering with the local health department to provide community vaccination pop-ups at UWT.



The J&J vaccine is temporarily paused in WA. UW leadership is reviewing whether to require vaccination for students and employees fall quarter.

Sheryl reported additional updates: there is new public health guidance on quarantine and travel for fully vaccinated individuals. One is fully vaccinated two weeks after their final dose of the vaccine. For those fully vaccinated and experiencing no symptoms, quarantine is not necessary after a close contact exposure, and travel does not require “testing before” or “quarantine after” unless the destination country has specific requirements. Sheryl reviewed the [Healthy Washington Roadmap to Recovery](#) that describes the activities allowed in each phase *outside of work*. The entire state was in Phase 3, but earlier this week Pierce and two more counties reverted to Phase 2, even though the state redefined requirements to make Phase 3 more attainable.

4. Approval of March Meeting Minutes

Manisha updated attendance with late arrivals, and declared quorum. Carmen facilitated the approval of March meeting minutes without changes.

5. 2020 Accident Summary

Erin McKeown, Accident Prevention Manager for Occupational Safety & Health within EH&S, presented the annual injury statistics review “2020 Incident Statistics” (PowerPoint slides will be shared). She provided an overview of the incident reporting process flow, and indicated we track all incidents, but only the most significant incidents are “OSHA recordable.”

Due to the nature of the work and the number of workers, UW Medical Centers have many more incidents than the rest of UW, yet they had fewer incidents in 2020. UWMC Montlake incidents dropped by 8%, HMC dropped by 20%, and UW incidents (not including medical centers) dropped by 39%. Erin suspects these changes were due to the pandemic.

Erin reviewed the OSHA recordable injuries at each hospital. The top causes of HMC’s 568 cases were sharps and blood exposures, biohazard exposures, patient handling, slips/trips/falls, and workplace violence.

UWMC Montlake’s 320 recordable cases were mostly exposure to biohazard or infectious material, sharps and blood exposures, struck by or contacted object, ergonomic, and slips/trips/falls.

UWMC Northwest’s 163 recordable cases were mostly exposure to biohazard or infectious material, workplace violence, sharps and blood exposures, struck by or contacted an object, and slips/trips/falls.

Next, Erin reviewed UW incidents that did not include the hospitals. Of the 680 incidents, 170 were recordable. The top causes of all (recordable and non-recordable) incidents were slip/trip/fall, ergonomic, contact with object, sharps, chemicals, and biohazardous materials. The top types of injuries were cut/puncture/scratch, sprain/strain/twist, bruise/contusion, pain/inflammation, biohazard exposure, and allergic reaction. The majority of incident types were injuries (82.4%),



then property damage (9%), and then near misses (6.7%). Note that UW's goal is for 10% of OARS reports to be near misses.

Additionally, UW's leading causes for recordable injuries over the past three years have been ergonomic, slip/trip/fall, and sharp injuries. The ergonomic injuries were concentrated in Facilities custodians and maintenance/construction workers, Primate Center staff, College of Environment field workers, and HFS staff. The sharps injuries mostly occurred with staff working with animals or in the dental clinics. The slip/trip/fall injuries often involved wet or irregular surfaces, or staff carrying items.

Erin compared OARS data across the HSC's (excluding Group 5, since UW Medicine uses a separate PSN system). HSC-2 (UW Facilities) had a large number of recordable injuries, followed by HSC-4 (Health Sciences) and HSC-1 (Admin & Other Academic Programs, including the Primate Center).

HSC-2, HSC-4, and HSC-1 had the greatest number of days away from work or days with a job transfer due to an injury. Erin noted that HSC-4 had a large number of days in job transfer status, which means staff were brought back to light duty or transitional work after an injury. This is ideal, as it indicates we accommodated staff after an injury. Claims Services offers ideas and financial incentives to bring injured workers quickly and safely back to light duty or transitional work.

Erin looked at incident rates, which indicate the number of recordable injuries per 100 workers in a year. She showed the three-year incident rate trends for the hospitals and UW. In 2020, HMC showed a slight increase, UWMC Montlake showed a slight decrease, and UW (not including medical centers) had a slight decrease.

Erin described the new Serious Incident classification for incidents that merit a formal root cause investigation and notifications to the organization's hierarchy. The four serious incidents in 2020 involved a tractor, a cooling tower, a pyrolysis experiment, and a formic acid spill.

Erin summarized current accident prevention efforts at EH&S including the Lab Safety Dashboard (which now tracks Managing Lab Chemicals training), the new APS 12.7 (that created the ICAPS committee and escalation process), the new chemical container labels web page, the new field safety manual for research and teaching activities, our continuously updated COVID-19 prevention resources, the 2020 ergonomic presentations, and the new Fall Protection manual and website. Employees can support accident prevention efforts and improve the UW safety culture by reporting incidents on time (within 24 hours) and reporting all incidents, including near misses. In the past three years, UW has not met its goals of 70% for on-time reporting, or 10% for near miss reporting. A near miss is an incident with a potential hazard but no injury, exposure, or property damage; reporting these helps correct issues before injuries occur.

There were several questions.



Tracey Mosier asked that the field safety manual be retitled to include the words “teaching and research” to distinguish it from non-research work “in the field.” Denise said she will follow up.

There was a question about whether personal property damage should be reported. Erin said yes, when the incident occurs on UW property or is due to a work-related matter.

There was a question about the audience for Managing Lab Chemicals training. It is available to all but intended for lab workers. Hazard Communication training is intended for non-lab workers.

Tamara asked how COVID-19 affected our recordable numbers, and whether units were finding it easier to find job transfer work with telework (perhaps seen as a more viable option in the future). Denise said our recordables are still about a third of reports, but that we hope in the next few years to replace the OARS user interface with a better system that makes reporting much easier, and more reports should yield a lower recordable rate. Denise said she will notify Risk Services claims management of Tamara’s idea regarding telework.

Liz asked whether this excellent presentation would be shown to leadership. Denise said Katia presents injury data to each of the HSC Executive Sponsors annually. She also said that the sponsors and committee members have access to data comparisons on the OARS Dashboard.

6. Organizational Group Reports

HSC-1 – Ryan Hawkinson said HSC-1 reviewed many OARS reports. They discussed telework and its affect on safety at UW, including security in underpopulated buildings, policies/procedures for working alone, evacuation planning during low occupancy, and abandoned unlabeled items in fridges. They expect telework to be a recurring topic, handled differently by each group. One of their groups is reducing offices and using hoteling software to check people in and out of shared space; this functions as an additional way to track who is on campus.

HSC-2 – Mark Pekarek, in reference to the high number of HSC-2 incidents shown in the 2020 Accident Summary, noted the large number of employees and the number performing manual labor. Group 2 had guest speaker Brandon Kemperman present on masking. Building Services reports a continuing situation of people living with homelessness around the central library and Kane Hall. Joe Grojean found effective anti-fog safety glasses at Grainger.

HSC-3 – Kurt Oglesby said HSC-3 reviewed and approved minutes and reviewed February OARS reports. Tony gave a recap of the U-Wide meeting.

HSC-4 – Beth Hammermeister said that HSC-4 reviewed the U-Wide meeting and noted that Phase 3 starts 3/21. Root cause analysis of a July 2020 burn incident found that the PI lacked training, and the fume hood was cluttered. Christine Aker reviewed the group’s OARS dashboard. HSB is renewing signage to show general building hours 8am-5pm.



HSC-5 – Liz Kindred said their security services manager gave their annual Workplace Violence presentation; numbers were affected by restricted visitor policies during COVID. UW Medicine reports fewer cases of reactions to vaccines. There have been some breakthrough cases of vaccinated staff getting COVID-19, but they are less sick, and the average age is very young.

HSC-6 – Eric Camp said HSC-6 noted that more comprehensive ergonomic discussions would be worthwhile throughout all departments. They discussed fake N95's and KN95's that don't fit well. They reviewed OARS reports. A member asked when UW will produce guidance on return to work so staff can plan daycare. Like other committees, they are interested in future telework options.

HSC-7 – Allyson Long said that HSC-7 discussed one OARS report. Allyson presented on sedentary work and ergonomics; Prepare in a Year (PIY) emergency preparedness; electrical safety and fire code problems; and the campus safety forum regarding their contract with Bothell PD.

HSC-8 – Chris Barrett said that HSC-8 reviewed the U-Wide and welcomed Sonia.

HSC-9 – Sheila Prusa said that guest speaker Raymond Noble was unable to attend HSC-9's meeting so they watched a video. Colleen Irvin was appointed interim Vice Chair. HSC-9 discussed who inherits MyChem chemical inventories when a PI leaves without cleaning out their lab. They noted the College of Engineering Dean's Office contact for academic groups having in-person meetings. The Dean's Office is hiring a new Facilities Specialist. In April an Environmental Programs consultant will present about lab cleanouts. Tracy Harvey said she'd be happy to help.

HSC-10 – David Zuckerman said HSC-10 reviewed OARS reports, including an incident of carbon monoxide poisoning while teleworking at home in a garage. The committee reviewed the U-Wide meeting, and discussed MyChem. They discussed the use of COVID prevention plans for Phase 3.

Faculty Senate Report: Ian Bennett was not present.

7. Union Reports

Paula Lukaszek mentioned Facilities staff had concerns that the contact tracing surveys were not detailed enough to uncover potential contacts at work or during commutes. Denise suggested reaching out to Sheryl Schwartz, who is in charge of the contact-tracing program, which has a very detailed script, including close contacts and transportation. Paula wondered if contact tracers understand the nature of their work in relation to the script. Tamara also expressed concerns about the wide varieties of types of work at UW and asked if a copy of the script could be sent to committee members. Erin said EH&S will send the script out to U-Wide members.

Christine Kang wanted to know how many ASEs and Postdocs are working on campus during spring quarter 2021. She also asked when departments might receive recommendations regarding telework options for fall quarter, as some people are worried about whether they'll be fully vaccinated in time. Current Back to Work recommendations go through September 10, 2021. Denise said telework is still recommended in Phase 3, but staff can view this [decision tree](#) for



departments who want people to return to work prior to Sept 10, 2021. Denise said there should be a student vaccine mandate decision by late May or early June, and complete guidance for fall quarter is in draft. EH&S will inform committee chairs as soon as the guidance is available.

8. Ex-Officio Reports

Emergency Management: Steve Charvat advised that people should keep their masks after the pandemic, because wildfire smoke is a likely problem this summer.

UWPD: Lt. Chris Jaross noted two events – the Windemere Cup (no opening day of boating, only a few races), and Husky Scrimmage on 5/1 (about 9,000 people).

9. EH&S Updates: L&I

Erin McKeown said they had a closing conference for HMC's 908 Jefferson Building concerns and await Notices of Citation.

EH&S Updates: General

Denise Bender said there is a Biosafety Manager position open in ROS. Denise noted the new [chemical label web page](#), and the new [field operations safety manual](#).

Erin announced that the OARS reports in May will look different and will be accessed differently. They will be accessible to the committees via the OARS Dashboard using Tableau; EH&S will attend HSC meetings and assist the committees with this change.

10. Good of the Order

Ann Aumann asked whether supervisors could access teleworking safety guidelines that address heat stress hazards, as temperatures increase. EH&S already has existing guidance about the work environment (such as IAQ guidance) that could be packaged together.

Tamara suggested the U-Wide address diversity, equity, and inclusion (DEI) in their work. Denise asked whether a U-Wide ex-officio member from DEI might help. Tamara said yes, but also suggested DEI training for U-Wide members. The U-Wide might consider a subcommittee.

Tracey Mosier asked if there is any plan to update posters and communications to advise that masking is still necessary even after vaccination. Denise said webpages and guidance have been updated, but not signage in the Safe and Clean Storefront. Denise will discuss this with the COVID-19 operations group.

11. Adjourn

U-Wide Chair Carmen Parisi adjourned the meeting at 2:25 pm.

University-Wide (U-Wide) Health and Safety Committee Meeting Agenda

May 12, 2021
1:00 p.m. – 2:30 p.m.
Zoom (screen required)

Agenda Item	Lead	Process	Time
Call to Order	Carmen Parisi	Robert's Rules of Order	
Attendance/Quorum	Carmen Parisi	Verify quorum per gallery count	10 min
Approval of meeting minutes	Carmen Parisi	Discussion	5 min
COVID-19 Update	Katia Harb	Presentation	10 min
Lab Safety Dashboard and Training	Tracy Harvey	Presentation	10 min
Supporting COVID-19 Prevention for Youth Programs	Caroline Shelton	Presentation	10 min
Organizational Group Reports*	Committee members	Discussion	15 min
Union Reports	Union representatives	Discussion	5 min
Ex-Officio Reports	Ex-Officio members	Discussion	10 min
EH&S Updates L&I Update General updates	Erin McKeown Denise Bender	Discussion	10 min
Good of the Order	Carmen Parisi	Discussion	5 min
Adjourn	Carmen Parisi	Robert's Rules of Order	

*Organizational Group Reports include topics covered at their most recent meeting

Please send ideas for agenda items to Carmen Parisi and Liz Kindred at least 2 weeks prior to the scheduled meetings.