

Agenda – November 30th, 2021
Group 9 (College of Engineering) Health and Safety Committee

1. Attending

Derrick Van Kirk or Carter Beamish, AA
Colleen Irvin, BioE
Michael Brett, CEE
Michael Pomfret, CEI
Kameron Harmon, ChemE
M. Glidden, CoE DO
Alex Lefort or Adrian Dela Cruz, CSE
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, MoES/NanoES
Tatyana Galenko or Sean Krewson, MSE
N. Shane Patrick or Maria Huffman, WNF

2. Previous Meeting Minutes

- October 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)

- All OARS reports may also be found on Tableau while on the UW network via this link: <https://bitools.uw.edu/#/site/Transitional/projects/573>.
- CEE @ More Hall (#2021-08-030) – Acid fume burn to eye.
- CEE @ More Hall (#2021-09-001) – Potential exposure to solution containing pyridine
- ME @ MEB (#2021-10-055) – Lacerations to hand from shattered glass shelf.
- ChemE @ Benson Hall (#2021-10-060) – Chemical burn from splash.
- AA @ Guggenheim (#2021-10-063) – Laceration to hand from sharp edge of sink.
- ChemE @ Benson Hall (#2021-10-077) – Bruised foot from dropped chemical container.
- ECE @ Allen Center (#2021-10-084) – Spill of old chemical.

4. Group Business

- Scheduling a talk by Dan Ratner and tour of UW Makerspaces?
- Review UW APP and propose updates.
- New “5 Why’s” Training.
- Discuss adding a Diversity, Equity, and Inclusion statement to the HSC Group 9 Charter.
- Updates on questions from last meeting:
 - Kameron & Sonia: Where does a building coordinator's responsibility end in checking heavy furniture for items/hazards?
 - Sonia: Are there updates on where SHARPS may be disposed?

5. UW-Wide Meeting

- October minutes attached.
- November agenda attached. Meeting highlights will be presented by Sheila Prusa:
 - David Manley of Airlift NW spoke at the meeting. Their motto is “Critical care wherever it is needed 24/7/365.” They connect rural communities to UW Medical, Harborview Medical Center, and Seattle Children's. They have eight bases over two states. Their helicopters are equipped like a hospital ICU. They do specialty transport for cardiac assist and pediatric specialties, 911 response, and disaster/event standby response. They have a lot of employee health & safety risks that they work hard to mitigate.

- Lt. Chris Jaross of UWPD spoke on encountering the unhoused citizens on UW campuses. Crisis intervention teams can come out and offer resources like bus passes and shelter nights. Some people just don't want to leave though, like Nancy who has lived on campus for at least 21 years. Call the UW Police Department and describe the situation; they may send the crisis intervention team instead of making the visit themselves. The Police Department is set up to be reactive and many unhoused individuals respond better to a proactive approach.
- The group reports followed. Group 3 described a person in mental distress who broke into a lab and started breaking things and throwing chemicals around. Everyone was still traumatized. Group 5 reported that COVID cases spiked after Halloween parties. The numbers are expected to climb after Thanksgiving as well.

6. Member Updates

Next Meeting: December 28th at 2pm, via Zoom

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

Meeting Date: October 26th, 2021 (via Zoom)

Attended

Carter Beamish, AA

Colleen Irvin, BioE

Michael Pomfret, CEI

Kameron Harmon, ChemE

Alexander Lefort, CSE

Ary Prasetyowati, ECE

Sonia Honeydew, EH&S

Jane I. Skau, HCDE

Sarah Coppola, HCDE

Jennifer Tsai, ISE

Dzung Tran, ME

John Young, MoIES/NanoES

Tatyana Galenko, MSE

N. Shane Patrick, WNF

Absent

Michael Brett, CEE

Michael Glidden, CoE DO

Previous Meeting Minutes

- September 2021 – minutes 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

- ECE (#2021-06-012) – Cut seems to have happened on one of the common tools in the space, such as a screw driver. Thin gloves were used in the space, which are being replaced with thicker versions to avoid this issue in the future. This incident has been closed.
- ChemE (#2021-06-023) – John was finally able to touch base with the lab. It sounds like too much force was used when removing the cap from the vial, which caused the vial to shatter. SOPs have been modified and cut-resistant gloves purchased for users to wear when removing the lids on stubborn vials. This incident has been closed.
- CEE (#2021-08-030) – No representative from CEE available. Tabling to next meeting.

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- CEE (#2021-09-001) – No representative from CEE available. Tabling to next meeting.
- BioE (#2021-09-002) – The brief fainting incident may have been linked to construction fumes occurring from new construction nearby in the building. To ensure no others were further exposed, all users left the lab when this occurred. The user in question was sent home and felt fine after the incident. They are no longer smelling any further fumes after reporting the incident, though the construction is finishing up. It was mentioned that, if you know who is running the construction project, you may go directly to them with questions. Otherwise, connect with EH&S to investigate. If you smell natural gas, report immediately to Facilities. This incident is closed, as no further follow-up is possible now.
- BioE (#2021-09-031) – The splash occurred when a microfluidic device ruptured during use. The device in question requires very little pressure and should not be forced. The user utilizing the equipment was not wearing PPE and thus the splash came in contact with their eye. It is unclear whether the lab has a requirement for goggles in their SOP, but Colleen has confirmed that they do now. The PI also sent out a follow-up email to ensure that all are aware of this change and to ensure users are aware of the pressure requirements on this system. This incident has been closed.
- AA (#2021-09-051) – An office assistant attempted to move a large whiteboard that had recently been delivered by themselves when the injury occurred. This is not standard policy and the assistant was reminded that they can reach out to Facilities to assist with these moves/installs. This incident has been closed.
- Collaboration Core (#2021-09-088) – After the incident, a spill kit was used to clean up the solution with the proper PPE. The user in question has had to be reminded in other regards to take their time and not rush, though this is the first accident report that they have been involved in. A second containment vessel is now required when transporting chemicals across the hall to different lab rooms. Sonia asked if there is any advise on how to handle repeat offenders on policies. Since this is the first time the user has actually been involved in an accident report, John is treating this as a one-off event. If another instance occurs, this may be investigated further. This incident is closed.

Secondary Reviews:

- Moving & Surplus (#2021-09-045) – This occurred due to Kameron missing one or two drawers when cleaning out and prepping lab benches for surplus. He has confirmed that the procedure has been changed to emphasize checking all drawers to ensure no items left inside. This incident has been closed on Group 9's side.
- Moving & Surplus (#2021-09-047) – This incident may have been mis-attributed to ChemE's items, as Kameron is not aware of the item in question at all. Kameron mentioned that it may be an issue that the item is being described very differently for identification. Sonia and Kameron, echoed by others in the group, stated that pictures are always helpful when unable to describe items in a known way. This incident has been closed on Group 9's side.

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- Moving & Surplus (#2021-09-062) – This incident happened close together with the 2021-09-045 incident and Kameron never got feedback from Moving & Surplus Services. Moving was scheduled for a time when Kameron would not be there. As these items in this report did not come out until the benches were tipped, Sonia asked if tipping the file cabinets might have been required to find these items. If so, would this actually be Kameron's responsibility, due to the weight of these items? Many of these items have been in place for 60 years. Kameron is reaching out to Tracy Harvey to confirm what expectations are for the building. Colleen asked if the new decon form was used for this. Kameron mentioned it was not, but that it was not ready by the time of this incident. With the stipulation that Kameron confirms where a building's responsibilities end for checking a piece of equipment and returns this information to the group, this incident is closed.

Group Business

- Tracy Harvey presented on lab moves and decommissions. Prominent points listed below:
 - Most of the information within the Lab Safety Manual is based off of the Washington Administrative Code.
 - A lab is defined as a location where hazardous chemicals are in use, research is conducted in at a lab-scale, chemicals may be manipulated, PPE is in place, and other hazards, such as biological, physical, and radioactive, may be present. This is not all-inclusive for what a lab may contain.
 - Highly recommended that building coordinators check empty rooms before another group starts move-in. This may allow anything still requiring resolution to be caught.
 - The move-out of a lab is frequently the harder activity to manage.
 - The expectation is that labs and users are the ones to entirely manage their move, though this does not always happen.
 - A sheet is available for labs on how to safely clean out space for reuse.
 - A new check-list for moving out of labs is now available from EH&S: "Moving a Laboratory."
 - Many departments do not insist on signing this document as it's fully completed, though this is heavily recommended by EH&S.
 - Updated "Notice of Cleaning and Decontamination" form has been released:
 - A reminder that anything not needed must go to Surplus, but it must be prepared correctly.
 - Q&A:

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- How to start a new room's MyChem?
 - Always contact MyChem@uw.edu
 - There is always a live person on the other side to answer.
 - Rooms are not considered vacant until all chemicals and other hazards are removed.
- EH&S recommends that departments not fully decommission labs to turn into other spaces, as it is very expensive.
- Are there any rules about people not trained or a specialist on lab's equipment assisting in moving out materials?
 - Yes. Not supposed to put people unknowledgeable about the hazards and SOPs in danger.
- In the event that a chemical inventory must be removed by people other than the lab, contact EH&S and Clean Harbors NFC to contact out the cleanout.
- Can help with cleaning the lab out of items outside of chemicals been contacted out?
 - Almost never.
 - The labs and PI's should have a strong cross-over system with other labs so that others are knowledgeable in the instruments in a space.
 - Good documentation is critical so that anyone is able to use and decommission an item.
 - (Post-meeting) Tracy Harvey found US Ecology/NRC may be contracted out to assist in cleaning the rest of labs.

UW-Wide Meeting

- Alexander shared updates from the UW-Wide meeting provided by Sheila and Stacia.
 - COVID-19 Updates from Katia Hard:
 - Most cases now breakthrough; 97% of people being tested report being vaccinated. If not vaccinated, you are 46x more likely to be hospitalized and 78x more likely to die of COVID-19 than vaccinated people.
 - Determination letters for exemption applications will soon go out. If granted, additional precautions required as condition of employment:
 - Weekly antigen/PCR testing with upload of results to designated online portal. If health care, may need two tests per week.
 - Must wear surgical masks; no cloth masks.
 - 6 ft distance must be strictly maintained while eating.
 - Museums, theaters, etc will have additional requirements.
 - Primary source for contact tracing is WA Exposure Notifications due to the high density of classrooms. Please ask ALL faculty and students to sign up.
 - A new COVID-19 exposure flow chart has been put out with three scenarios to determine if you need to quarantine/self-isolate. See attached.
 - October is National Biosafety Month: This year's campaign is "Wear Your Lab Coat." The respective presentation has been uploaded to the Group 9 Shared Drive.

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- The Lab Safety Checklist should be posted on your lab website.
- A new Laboratory Moveout Form has been published.
 - Follow all instructions and sign and date.
 - The form should be posted on/near the entrance/exit of the space when done.
- Sonia Honeydew presented on the addition of a Diversity, Equity, and Inclusion statement to the U-Wide Charter. Groups should consider adding one to their charters as well.

Department Updates

- ChemE – Kameron asked how they are to dispose of autoclaved SHARPS now that 276 of the Health Sciences Building no longer accepts them. Colleen stated that it depends on the location: In Foege, the Custodial staff have been able to pick up containers when fully prepared properly. Other locations require a medical contractor be paid to receive them. John, on the Infectious Waste Committee, noted that if autoclaved, you have the OK to put the waste container (proper SHARPS container) into a black bag and into a trash bin. Sonia will be reaching out to EH&S to investigate further. Colleen mentioned that autoclaves may sometimes soften the material of a SHARPS container to allow needles to poke out, thus promoting an accident. Kameron also mentioned that there is a group not comfortable with people walking across campus with SHARPS containers that seems to be contributing to the difficulty.
- EH&S – Sonia mentioned the new flowchart for if an employee feels ill: <https://www.ehs.washington.edu/resource/covid-19-public-health-requirements-and-guidance-flowchart-updated-102521-1175>. The most up-to-date info may always be found on the COVID-19 Page: <https://www.ehs.washington.edu/covid-19-prevention-and-response/covid-19-health-and-safety-resources>. Sonia asked Alex when voting on elections will actually proceed. Alex will touch base with the Election Coordinator.
- ME – Dzung mentioned an incident last week to be aware of: An assistant that tried to rearrange a display shelf accidentally broke one of the shelves. Shelf was tempered glass so was not as bad as it could have been, but resulted in minor cuts.
- MolES/NanoES – John has had multiple occurrences of alcohol in staff fridges. Sonia will look further into the policies around this.

Adjournment

- Adjourned at 3:25 PM.

Next Meeting

- November 30th, 2021 at 2:00 PM via Zoom.



Report Number: 2021-08-030

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: ASSISTANT PROFESSOR
Date Reported (mm/dd/yyyy): 08/12/2021
Department: ENG: Civil and Environmental Engineering
Time Reported: 10:39 AM

Person Involved or Affected

Department: ENG: Civil and Environmental Engineering

Incident Details

Campus: Seattle
Date of Incident (mm/dd/yyyy): 08/11/2021
Incident Location:
Time of Incident:
Room:
Other: More Hall, Room 318

Incident Description: Student(XXXXXX) was working with 100 mM oxalic acid in a fume hood. XXXXXXX took off her safety goggles and looked at a bottle filled with the acid from the outside of the fume hood and reported that her left eye hurt and was red. After trying to wash her eye and still feeling some discomfort, XXXXXXX went to Harborview Hospital on 8/11 and saw an eye doctor. The doctor prescribed artificial tears to use for a week as she did not have direct contact with the acid. This morning (8/12), XXXXXXX went back to the emergency room after noting eye discomfort again.

Supervisor

Full Name: Michael Gomez
Phone:
Occupation / Position: GRADUATE RESEARCH STUDENT ASSISTANT
Email: mggomez@uw.edu
Department: ENG: Civil and Environmental Engineering

Classification

Injury requiring medical treatment (go to level 3 if in-patient hospitalization or amputation occurred)

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): Burn (Thermal, Chemical, Electrical); Eye or Vision Issues
Body Parts Affected (none, if no injury/exposure): Eyes
Cause of Injury/ Damage, or Potential Injury/Damage: Chemicals; Ventilation, Indoor Air Quality Issues

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: Submit request for maintenance/repair

Maintain PPE at all times. PPE was provided but not used during this incident. Given that the acid was in the fume hood, there does not appear to be proper ventilation (not clear how her eye was exposed).

Supervisor's Comments

Root Causes: PPE issue. Possible fume hood ventilation issue.

Recommendations / Preventive Measures: Use PPE during all lab work. Evaluate fume hood for possible ventilation issues.

Other Comments: Please update me on how this will be addressed. Thank you.

Corrective Actions Target Date (mm/dd/yyyy): 08/13/2021
Corrective Actions Complete Date (mm/dd/yyyy):

EH&S Comments



Report Number: 2021-09-001

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **RESEARCH ASSISTANT (E S UAW ASE)** Date Reported (mm/dd/yyyy): **09/01/2021**
 Department: **ENG: Civil and Environmental Engineering - Korshin Lab JM Student** Time Reported: **11:51 AM**

Person Involved or Affected

Department: **ENG: Civil and Environmental Engineering - Korshin Lab JM Student**

Incident Details

Campus: **Seattle** Date of Incident (mm/dd/yyyy): **09/01/2021**
 Incident Location: **MORE HALL** Time of Incident: **11:00 AM**
 Room:
 Other:

Incident Description: **I am just hoping to inquire about possible skin contact with a solution containing pyridine, silver diethyldithiocarbamate, and captured arsines. I was wearing gloves while handling this solution and at one point noticed that part of the glove on a finger had changed color. I took the gloves off and rinsed my finger for a few minutes and then washed it several times a few minutes later. I am not extremely concerned, but am aware that the SDS for these chemicals is a bit scary and just wanted to double check.**

Supervisor

Full Name: **Gregory Korshin** Phone: **=+1 206 543-2394**
 Occupation / Position: Email: **korshin@uw.edu**
 Department: **ENG: Civil and Environmental Engineering**

Classification

Near miss (Potential hazard -- no injury, exposure, or property damage)

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): **None**
 Body Parts Affected (none, if no injury/exposure): **Fingers**
 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: **None**
My professor has recommended I wear double gloves from now on.

Supervisor's Comments

Root Causes: **XXXXXXXX reported that a drop of pyridine solution containing silver diethyl dithio carbamate contacted her glove which changed its color as a result. The gloves appeared to be intact after the contact. I believe that the contact was caused by a minor spill of the solution being handled.**

Recommendations / Preventive Measures: **I recommend that double gloves be used for handling solutions containing organic solvents. All other protection measures must be strictly enforced as well.**

Other Comments: **corrective action applied**

Corrective Actions Target Date (mm/dd/yyyy): **09/01/2021** Corrective Actions Complete Date (mm/dd/yyyy): **09/02/2021**

EH&S Comments



Report Number: 2021-10-055

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: ADMINISTRATIVE ASSISTANT 3 (NE S SEIU 925 NON SUPV) Date Reported (mm/dd/yyyy): 10/19/2021
Department: ENG: Mechanical Engineering: Staff Time Reported: 01:18 PM

Person Involved or Affected

Department: ENG: Mechanical Engineering: Staff

Incident Details

Campus: Seattle Date of Incident (mm/dd/yyyy): 10/19/2021
Incident Location: MECH ENGR BLDG Time of Incident: 10:15 AM
Room:
Other: main office

Incident Description: Glass shelve shattered while attempting to put back into displace case.

Supervisor

Full Name: William F Kuykendall Phone: =+1 206 685-7061
Occupation / Position: Email: billkuyk@uw.edu
Department: ENG: Mechanical Engineering-Staff

Classification

Injury requiring first aid

Has Attachment(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.

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: Improper Lifting

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Provide PPE; Other
Ensure the wearing of gloves & having more than one person attempt the move.

Supervisor's Comments

Root Causes: This incident occurred while re-configuring the MEB lobby display case. The glass shelf being re-installed in the case was long and slender making it structurally weak when handled by a single person. The injured party should not have attempted to do this by himself, and roective gloves should have been worn to prevent injury in case the shelf broke during handling.

Recommendations / Preventive Measures: The injured party took it upon himself to move the shelf alone and should have been given clear instructions by the supervisor to schedule the tasks such that help was available, and that the proper PPE was worn. The long, slender shelf is not necessary and will not be replaced. Office staff do not regularly perform tasks requiring safety training or PPE but we have added information on general safety best practices to our office staff onboarding process.

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy): 10/25/2021 Corrective Actions Complete Date (mm/dd/yyyy): 10/25/2021

EH&S Comments

fwd: Natalie Daranyi, Scott Nelson.



Report Number: 2021-10-060

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **POSTDOCTORAL SCHOLAR (E S UAW POSTDOC)** Date Reported (mm/dd/yyyy): **10/20/2021**
 Department: **ENG: Chemical Engineering-DeForest Lab** Time Reported: **12:14 PM**

Person Involved or Affected

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

Incident Details

Campus: **Seattle** Date of Incident (mm/dd/yyyy): **10/20/2021**
 Incident Location: **BENSON HALL** Time of Incident: **11:45 AM**
 Room: **B33**
 Other:

Incident Description: **Performing a chemical extraction with DMSO, sodium azide, ethyl-4-bromobutyrate, and diethyl ether. Pressure buildup in the separation funnel caused solvent to be sprayed onto person and chemical hood. XXXXXXX sustained chemical splashes on both arms and front clothing, no skin contact under clothing observed. red splotchy marks appeared on skin soon after exposure. XXXXXXX began washing arms with water within 1 minute, moved to shower within 5 minutes, washed entire body with water for 20 minutes. Red marks faded, skin is under observation.**

Supervisor

Full Name: **Cole A DeForest** Phone: **=+1 206 543-5961**
 Occupation / Position: Email: **profcole@uw.edu**
 Department: **ENG: Chemical Engineering-Faculty**

Classification

Injury requiring first aid

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): **Burn (Thermal, Chemical, Electrical)**
 Body Parts Affected (none, if no injury/exposure): **Arms; Elbows; Hands, Wrists**
 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: **Chemicals**
 Policies / Procedures: **Failure to Follow Procedures; Inadequate Planning, Preparation**
 Human Factors: **PPE Not Used; Failure to Follow Established Protocol/Procedures; Rushing**

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: **Provide safety training**
Reinforce use of PPE (lab coats, glasses) at all times.

Supervisor's Comments

Root Causes: **Chemical spill occurred during solvent extraction. The spill was attributed to performing extraction from a warm DMSO solution into diethyl ether (a volatile solvent with a low boiling point). Extraction was performed in a fume hood where the sash was appropriate height. XXXXXXX was not wearing a lab coat at the time, which may have prevent direct contact of the spilled liquid with her skin.**

Recommendations / Preventive Measures: **Stress the importance of proper PPE when performing chemical synthesis.**

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy): **10/20/2021** Corrective Actions Complete Date (mm/dd/yyyy): **10/20/2021**

EH&S Comments

fwd: Eleanor Wade, Judy Cashman, Zara Llewellyn, Tracy Harvey, Lesley Decker. Per EW 10/21, PI said that lab coat and eye protection use will occur immediately. Tracy will review process with lab, while Ellie verifies exposure response follow-up.



Report Number: 2021-10-063

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: ASSISTANT PROFESSOR Date Reported (mm/dd/yyyy): 10/21/2021
Department: ENG: Aeronautics and Astronautics Time Reported: 07:02 PM

Person Involved or Affected

Department: ENG: Aeronautics and Astronautics-Habtour Lab JM Student

Incident Details

Campus: Seattle Date of Incident (mm/dd/yyyy): 10/14/2021
Incident Location: GUGGENHEIM HALL Time of Incident:
Room:
Other:

Incident Description: XXXXXXX had a small cut due to sharp edges in the countertop of a sink in RM 114.

Supervisor

Full Name: Ed M Habtour Phone: 443-824-9078
Occupation / Position: Email: habtour@uw.edu
Department: ENG: Aeronautics and Astronautics

Classification

Injury requiring first aid

Has Attachment(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.

Slip/Trip/Fall Information

Slip: None
Trip: None
Fall From Same Level: None
Fall From Elevated Height: None
Stairs: None

Contributing Factors

Equipment: Defective Tools, Equipment; Inadequate Maintenance
Environment: Sharp Objects
Policies / Procedures: None
Human Factors: None

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Other
Replace sink/countertop.

Supervisor's Comments

Root Causes: Poorly maintained sink.

Recommendations / Preventive Measures: Replace sink/countertop.

Other Comments: order a new sink and submitted an order for replacement. Report to the space committee and recommend establishing an MOU.

Corrective Actions Target Date (mm/dd/yyyy): 11/26/2021 Corrective Actions Complete Date (mm/dd/yyyy): 10/27/2021

EH&S Comments

fwd: Tracy Harvey, Eleanor Wade.



Report Number: 2021-10-077

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: RESEARCH ASSISTANT (E S UAW ASE) Date Reported (mm/dd/yyyy): 10/27/2021
Department: ENG: Chemical Engineering- Nance Lab JM Student Time Reported: 01:33 PM

Person Involved or Affected

Department: ENG: Chemical Engineering- Nance Lab JM Student

Incident Details

Campus: Seattle Date of Incident (mm/dd/yyyy): 10/26/2021
Incident Location: BENSON HALL Time of Incident: 06:00 PM
Room: 215
Other:

Incident Description: I dropped a full plastic 1L bottle of HBSS onto my foot as I was removing it from the chemical cabinet. I felt fine for the rest of the day, but have since then experienced bruising and swelling at the impact site.

Supervisor

Full Name: Elizabeth Nance Phone: =+1 206 543-2216
Occupation / Position: Email: eanance@uw.edu
Department: ENG: Chemical Engineering-Faculty

Classification

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

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): Bruise, Contusion; Pain, Irritation, Inflammation, Swelling
Body Parts Affected (none, if no injury/exposure): Feet, Ankles, Toes
Cause of Injury/ Damage, or Potential Injury/Damage: 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: Improper Lifting; Inattention

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Other

Reminders to be more attentive when lifting heavy or multiple items

Supervisor's Comments

Root Causes: After discussing with XXXXXXX, we identified that it was a minor oversight in attentiveness.

Recommendations / Preventive Measures: We will incorporate a discussion on the incident in our next lab safety presentation in lab meeting. We can also assess that all bottles are easily accessible so as to minimize transport risk/change in height/fall potential.

Other Comments: Action was taken in our lab meeting on 10/27 (4:30-5:30pm).

Corrective Actions Target Date (mm/dd/yyyy): 10/27/2021 Corrective Actions Complete Date (mm/dd/yyyy): 10/27/2021

EH&S Comments

fwd: Eleanor Wade, Denise Bender.



Report Number: 2021-10-084

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **TEACHING ASSISTANT (E S UAW ASE)** Date Reported (mm/dd/yyyy): **10/28/2021**
 Department: **ENG: Electrical & Computer Engineering Dunham Lab JM Student** Time Reported: **08:05 PM**

Person Involved or Affected

Department: **ENG: Electrical & Computer Engineering Dunham Lab JM Student**

Incident Details

Campus: **Seattle** Date of Incident (mm/dd/yyyy): **10/28/2021**
 Incident Location: **ALLEN CENTER FOR** Time of Incident: **06:00 PM**
 Room: **65**
 Other: **Paul G. Allen Center for Computer Science & Engineering**

Incident Description: **Medium-sized bottle (around 500mL) of methylene chloride broke and spilled outside of fumehood cabinet**

Supervisor

Full Name: **Lih-Yuan Lin** Phone: **=+1 206 543-2168**
 Occupation / Position: Email: **lylin@uw.edu**
 Department: **ENG: Electrical & Computer Engineering**

Classification

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

Has Attachment(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: **Other**
 Environment: **Other**
 Policies / Procedures: **Other**
 Human Factors: **Other**

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: **Other**

Perhaps recatalogue older chemicals so they can be moved or retired.

Supervisor's Comments

Root Causes: **The chemical bottle fell out of the fume hood cabinet and got broken as the student opened the cabinet door.**

Recommendations / Preventive Measures: **Going through the chemicals in the lab, dispose old/unused chemicals, organize chemical storage to make sure the chemicals are in secured locations.**

Other Comments: **We have gone through the chemicals in the lab and determined what to dispose. We will contact EH&S for collecting them.**

Corrective Actions Target Date (mm/dd/yyyy): **11/04/2021** Corrective Actions Complete Date (mm/dd/yyyy): **11/04/2021**

EH&S Comments

fwd: Eleanor Wade, Judy Cashman, Zara Llewellyn, Tracy Harvey, Lesley Decker.

U-WIDE HEALTH AND SAFETY COMMITTEE

10/13/2021 Meeting Minutes | 1:00 p.m. - 2:30 p.m. |

Elected Member*		Appointed Member*		Faculty Senate Member*	
<input 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 type="checkbox"/>	Beth Hammermeister (4)	Labor Union Member*	
<input checked="" type="checkbox"/>	Tony Colinares (3)	<input checked="" type="checkbox"/>	Liz Kindred, Vice-chair (5)	<input checked="" type="checkbox"/>	Paula Lukaszek, WFSE Local 1488
<input checked="" type="checkbox"/>	Christine Aker (4)	<input checked="" type="checkbox"/>	David Zuckerman (10)	<input checked="" type="checkbox"/>	Ann Aumann, SEIU 925
<input type="checkbox"/>	Anne Sumpter (5)			<input type="checkbox"/>	Amanda Clouser, UAW 4121
<input checked="" type="checkbox"/>	Eric Camp (6)				
<input type="checkbox"/>	Tamara Leonard (6)				
<input checked="" type="checkbox"/>	Martin Arroyo (7)			Proxy*	
<input checked="" type="checkbox"/>	Alexa Russo (7)			<input checked="" type="checkbox"/>	Stacia Green (9)
<input checked="" type="checkbox"/>	Wade Haddaway (8)			<input checked="" type="checkbox"/>	Brady Rainey (4)
<input checked="" type="checkbox"/>	Christopher Barrett (8)	<input checked="" type="checkbox"/> = attended meeting * = voting members 13 = voting members for quorum			
<input type="checkbox"/>	Alexander Lefort (9)				
<input checked="" type="checkbox"/>	Sheila Prusa (9)				
<input type="checkbox"/>	David Warren (10)				
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 checked="" 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 type="checkbox"/>	Steve Charvat, UWEM	<input checked="" type="checkbox"/>	Nancy Gwin, AGO	<input checked="" type="checkbox"/>	Erin McKeown
<input checked="" type="checkbox"/>	Barry Morgan, UWEM	<input checked="" type="checkbox"/>	Ken Nielsen, Risk Services	<input checked="" type="checkbox"/>	Sonia Honeydew
<input type="checkbox"/>	Lt. Chris Jaross, UWPD	<input checked="" type="checkbox"/>	Susan Wagshul-Golden, UWT	<input checked="" type="checkbox"/>	Jenna Gravley
		<input checked="" type="checkbox"/>	Allyson Long, UWB	<input checked="" type="checkbox"/>	Tracy Harvey
Guest				<input checked="" type="checkbox"/>	Alex Hagen
<input checked="" type="checkbox"/>	Lesley Decker, EH&S				
<input checked="" type="checkbox"/>	Esther Pelham, EH&S				

Agenda

1. **Call to Order**
2. **COVID-19 Update**
3. **Attendance/Quorum**
4. **Approval of September Meeting Minutes**
5. **National Biosafety Month**
6. **EH&S Resources for a Safe Return to Lab Work**
7. **Charter Updates and Vote**
8. **Organizational Group Reports and Election Updates**
9. **Union Reports**
10. **Ex Officio Reports**
11. **EH&S Updates: L&I and General**
12. **Good of the Order**
13. **Adjourn**

Minutes by Sonia Honeydew

The meeting was conducted on Zoom to adhere to COVID-19 pandemic protocols per guidance from the Washington State Dept of Health, and the CDC. The meeting was recorded.

1. **Call to Order**

U-Wide Chair Carmen Parisi called the meeting to order with a land acknowledgement and reminder of our Zoom voting process.

2. **COVID-19 Update**

Katia began with the case update. With more people on campus, testing was promoted, resulting in an anticipated sharp increase in positive results, which is now decreasing. Currently 1.7% are testing positive; of those, 90% are students and 90% vaccinated people. With an 82% response rate, 97% of students and 96% of employees attest they are vaccinated. Katia shared the county public health [relative COVID-19 risk rates for the unvaccinated](#): 8x more likely to test positive, 46x more likely to be hospitalized, and 78x more likely to die. Booster shots are now available for those eligible.

Then Katia described the vaccination policy updates for employees and students. Religious and medical exemption determination letters are being issued this week. Those approved must wear a procedure or surgical rather than cloth mask on campus, distance six feet while eating and be tested weekly (twice a week if working in a health care setting). The testing location is the student or employee's choice, but tests should primarily be PCR tests. The portal for uploading weekly test results should be announced next week. As of October 25th, King County orders proof of vaccination or a negative test result for event and entertainment venues; for consistency this will apply to UW Bothell and Tacoma as well. Chris Pennington asked whether



the unvaccinated need to wear those medical or procedural masks everywhere, indoors and out. Katia answered only where masks are currently required.

Contact tracing communications are being revised based on feedback, and processes automated to reach more people faster. In classroom settings we rely on [WA Notify](#) to identify close contact exposures, so please activate it on your mobile device. A new [Public Health Guidance Flowchart](#) clarifies guidance for isolation and quarantine. Tracey Mosier asked how to judge new symptoms that might be attributable to a personal medical condition. Katia answered that right now (with the recent surge) we're being more conservative and asking people to stay home and get tested unless they are absolutely certain the symptoms are not from COVID-19. Katia concluded that as always, updates are at the [UW Coronavirus page](#) and the [EH&S COVID Resources page](#) and we appreciate feedback.

3. Attendance/Quorum

Sonia verified that attendance was counted, and quorum was met.

4. Approval of September Meeting Minutes

Carmen facilitated a discussion and vote. September meeting minutes were approved with one change: the addition of "HSC-2 Not Present" under group reports.

5. National Biosafety Month

Lesley Decker, EH&S' Biosafety Manager, defined biosafety and described the origins of National Biosafety Month in October 2014 by the NIH. Each year there is a different focus, e.g. exposure response, sharps safety, or biosafety SOP template. Esther Pellham, Biosafety Officer, described the 2021 focus: "wear a lab coat to protect yourself." Lab coats are now required even in Biosafety Level One (BSL-1) labs.

Esther reviewed "Do's and Don'ts" for proper use, storage, and cleaning of lab coats and other personal protective equipment (PPE). Outreach with this message has gone to PIs and Lab Managers with Biological Use Authorizations (BUAs), into the EH&S newsletter, onto the EH&S home page, and to the Office of Research site. Please share this message with your departments.

Lesley told us more about the EH&S Biosafety group, which reviews and approves BUAs along with the Institutional Biosafety Committee (IBC). They inspect labs that work with all types of biohazards, including animals and transgenic plants. They advise on sharps safety and biohazardous waste, and help labs choose appropriate disinfectants for work with agents. They perform incident response drills. They are supporting so many labs doing COVID-19 research that the BSL-3/Select Agent Program has more than doubled. Note that in BSL-2 and higher labs, personnel should be wearing a disposable medical/procedure mask.

6. EH&S Resources for a Safe Return to Lab Work



Alex Hagen, Manager of EH&S' Lab Safety Inspection Program (labcheck@uw.edu), shared that on the [EH&S COVID-19 Health and Safety Resources](#) page the "Guidance for Researchers" link in the COVID-19 Resources section contains tools for safely resuming work in the lab. These tools are all based on labs conducting annual self-inspections in addition to any EH&S lab safety surveys. Self-inspections are also necessary if lab functions change at any time. Lab self-inspections check that all safety resources are in place and current.

The [Lab Self-Inspections page](#) has a video with best practices and how to access the self-inspection tool in the [Lab Safety Dashboard](#), and links to a focus sheet on the [key elements of lab self-inspections](#). Labs must document their self-inspections, and may do so with the same [checklist](#) EH&S uses in Lab Safety surveys.

The Lab Safety Dashboard, accessible to the PI and Chemical Hygiene Officer (CHO) can be used to store records and print PDFs of self-inspection reports. It can also be used to update the list of lab personnel and check that their Managing Lab Chemicals training is current.

Labs partially or completely vacating a space for remodeling, relocation, or closure must leave the space clean and safe. The Lab Manager or Responsible Party should follow instructions on the [Notice of Laboratory Moveout form](#), and post a copy of the complete form inside the door near an exit. Departments may have additional requirements.

Carmen asked for an official definition of a laboratory. Alex said the lab safety standard defines a lab as a place relatively small amounts of hazardous substances are used on a nonproduction basis.

7. Charter Updates and Vote

Sonia shared a proposed change to the U-wide charter: an additional paragraph in the Membership section, addressing diversity, equity, and inclusion. Carmen facilitated a vote, and the addition was approved. Erin encouraged HSCs to add the same language to their charters.

8. Organizational Group Reports and Election Updates

HSC-1: Carmen Parisi reported that Group 1 discussed ShakeAlert and the Great ShakeOut. At the end of this week the request for nominations goes out.

HSC-2: Erick Rostad reported that at the end of this week a letter would go out to UW Facilities employees naming Erick as the Election Coordinator, and then he'll begin to receive nominations. Mark Pekarek said the Project Delivery Group expressed concerns about tunnel safety, and UWPD is aware that people living with homelessness have been getting into and camping in the tunnels.

HSC-3: Kurt Oglesby reported that an email blast went out to Student Life for nominations and they're awaiting responses.



HSC-4: Christine Aker let us know that Beth has retired so Brady Rainey will proxy for Beth on the U-wide. Group 4 is working on getting all their groups to provide information to their election coordinator. They performed their quarterly trend review of OARS reports. HSC-4 asked whether more dining services will open because there aren't many places to procure food. They also point out the increased vandalism at South Lake Union and an upcoming School of Medicine Town Hall on personal safety and security measures this Thursday from 1-2pm. The event will be in person and via Zoom, featuring John Slattery, Vice Dean for Research and Graduate Education, and a UWPD representative.

HSC-5: Liz Kindred said that September was a very busy month for the hospitals, hopefully their peak for COVID-19, which generated the highest number of worker exposure cases at Harborview Medical Center (HMC). 97% of UW Medicine staff are vaccinated. At HMC 31 nominees have been collected for two spots on HSC-5, and after vetting we'll run that election. HMC started their flu shot campaign. Pfizer COVID boosters were discussed.

HSC-6: Eric Camp said they encountered an election snag when their Election Coordinator left. They've reorganized, called for nominations, and elections will commence soon.

HSC-7: Martin Arroyo reported they completed the call for nominations and the election will begin this Friday. We invited several nominees to attend our HSC-7 meeting so they could learn about the role. We had a video on hazards, discussed the Great ShakeOut, and will have another Household Hazardous Waste event this weekend.

HSC-8: Chris Barrett said they discussed the Great Shakeout in detail. He said that 75% of their departments have nominees, and many are a single individual. The election is in progress and they began the process of collecting appointees.

HSC-9: Sheila Prusa reported that HSC-9 had a long discussion about lab decommissioning and moving. There are chemical waste disposal contractors vetted through EH&S to collect chemicals because they are a state-regulated issue. We discussed the Great ShakeOut. We decided to continue meeting via Zoom.

HSC-10: David Zuckerman reported that they discussed the Great ShakeOut. We have no new safety suggestions or speakers scheduled. We discussed the vaccine mandate. We plan to contact UWPD regarding an apparent uptick in security concerns along the Burke Gilman trail. On Monday our Executive Sponsor wants to discuss whether our election will remain decentralized or become centralized, then the call for nominations will go out.

9. Union Reports

Paula reported for WFSE Local 1488. Their members have been discussing the vaccine mandate, and last month Facilities Maintenance and Construction seemed to have a lot of positive COVID-19 cases.

Ann Aumann had nothing to report for SEIU 925.

10. Ex Officio Reports

UW Facilities: Nothing to report.

Emergency Management: Barry mentioned the Great ShakeOut next Thursday at 10:21 am, which should be announced with a UW Alert and an email from the Crisis Communications team lead. We recommend you test the Drop, Cover, Hold process or review your business continuity plans. Sign up at <https://www.shakeout.org/>.

DEOHS: Rick Gleason had nothing to report.

AGO: Nancy Gwin had nothing to report.

Claim Services: Ken Nielsen had nothing to report.

UW Bothell: Allyson reported they collaborated with Husky Coronavirus Testing Program to get a staffed kiosk on their campus two weeks ago. It's been a great service and helps with employees who have exemptions, and the student residents.

11. EH&S Updates: L&I

Erin McKeown reported a new Labor and Industries (L&I) notice of concern regarding linen and garbage carts at UWMC. The carts can be heavy (up to 700 lbs) and the wheels need repairs or replacement. UWMC and a vendor are tracking them down to complete maintenance.

The other open L&I cases with UWMC, HMC, and the Eastside Specialty Clinic are still in negotiation.

EH&S Updates: General

Denise Bender said they've revised the Confined Space Entry Program Manual and revised the 12-hr initial Confined Space Entry training. The refresher training will also be updated.

Instructor-led training is now being held in person, including Lock out Tag out training, Fall Protection, Confined Space, First Aid/CPR, and Forklift Operator training. We had a variance on respirator fit testing requirements but as of January 2022 the state will again enforce fit testing requirements if people are two years past their last fit test date. EH&S wants departments to convey this to their respirator wearers.

UW got a final settlement signed from the U.S. Department of Energy (DoE) for the cesium release at the HMC R&T building, so that issue is closed.

Diego Oliver has been conducting building evacuation drills, and fire extinguisher training courses.

12. Good of the Order

Carmen asked for any comments for the good of the order. There were none.

13. Adjourn

U-Wide Chair Carmen Parisi adjourned the meeting early at 2:11 pm.

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

**November 10, 2021
1:00 p.m. – 2:30 p.m.
Zoom (screen required)**

Agenda Item	Lead	Process	Time
Attendance/Quorum	Sonia Honeydew	Verify quorum per Zoom gallery count	3 min
Call to Order	Carmen Parisi	Robert's Rules of Order	2 min
Approval of Meeting Minutes	Carmen Parisi	Discussion	5 min
COVID-19 Update	Katia Harb	Presentation	15 min
Critical Care Above: the Mission of Airlift Northwest	David Manley, ALNW	Presentation	10 min
Encountering People Living with Homelessness on Campus	Lt. Chris Jaross, UWPD	Presentation	5 min
Organizational Group Reports* and Election Updates	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 meeting.