

Agenda – October 26th, 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 or Jane I. Skau, 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

- September 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>.
- ECE @ EEB (#2021-06-012) – Cut hand on aluminum in vivarium. Tabled from last meeting.
- ChemE @ MoES/NanoES (#2021-06-023) – Shattered glass vial in hand. Tabled from last meeting.
- CEE @ More Hall (#2021-08-030) – Acid fume burn to eye.
- CEE @ More Hall (#2021-09-001) – Potential exposure to solution containing pyridine
- BioE @ Health Sciences Building (#2021-09-002) – Brief fainting incident from unknown cause.
- BioE @ Foege (#2021-09-031) – Splash of 50% methanol in eye.
- AA @ Guggenheim (#2021-09-051) – Strained back from large whiteboard move.
- Collaboration Core @ NanoE (#2021-09-088) – ether solution dropped on floor when transporting to another room.

Secondary Reviews:

- Moving & Surplus @ Plant Services (#2021-09-045) – Razor blades and needle spilled from tipped desk.
- Moving & Surplus @ Warehouse (#2021-09-047) – Potential lead-containing metal grate nearly placed in metal disposal hopper.
- Moving & Surplus @ Benson Hall (#2021-09-062) – Discovered razors, needles, and vial of unknown solutions within and around desks. (See attached files)

4. Group Business

- Tracy Harvey presenting on lab moves and decommissioning.
- APP is due for review. Please review the document and send suggested changes to Alex Lefort to discuss at the next meeting.
- Election committee will be reaching out shortly to confirm the willingness of nominated individuals.

5. UW-Wide Meeting

- September minutes attached.
- October agenda attached. Meeting highlights will be presented by Alexander Lefort:
 - 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.
- 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.

6. Member Updates

Next Meeting: November 30th at 2pm, via Zoom

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

Meeting Date: September 28th, 2021 (via Zoom)

Attended

Colleen Irvin, BioE

Kristine Parra, CEI

Kameron Harmon, ChemE

Alexander Lefort, CSE

Sonia Honeydew, EH&S

Stacia Green, HCDE

Sheila Prusa, ISE

Dzung Tran, ME

Sean Krewson, MSE

Maria Huffman, WNF

Absent

Derrick Van Kirk, AA

Michael Brett, CEE

Michael Glidden, CoE DO

Ary Prasetyowati, ECE

John Young, MoIES/NanoES

Previous Meeting Minutes

- July 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) – No ECE representative present. Tabled to next meeting.
- ChemE (#2021-06-023) – Kameron stated that this PI can be particularly difficult to get in touch with, but Kameron has little or no way of gathering info about the situation due to the location of the incident. This is tabled to next meeting, awaiting updates from John.

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- CSE (#2021-07-075) – Alex has connected with the lab manager on distributing information to the lab about contacting the CSE Operations team to coordinate any larger deliveries in the future. Alex also relayed the information about foot PPE being impractical for the lab here, as Operations and the lab manager should always be assisting with large deliveries. The Assistant Director of Facilities of CSE has been contacted about the potential of adding a sign in the Jefferson Road breezeway reminding users to contact Operations about any large deliveries. This incident is closed pending hearing back on the sign install decision of the Assistant Director of Facilities at CSE.
- ME (#2021-08-003) – Committee was content with the measures stated by the lab that they will be taking to mitigate this incident in the future. No follow-up questions. This incident is closed.
- CEE (#2021-08-030) – No representative of CEE present. This incident is tabled to next meeting.
- WNF (#2021-08-045) – Maria performed the Five Why's exercise for root cause:
 1. Why was the student splashed in the face with the gel agent?
Because of insufficient attention to the process and equipment.
 2. Why did they have insufficient attention toward the process? Possibly because of unclear instructions.
 3. Why did the syringe break? There was a build up in pressure while the user was attempting to extrude the gel from the syringe.
 4. Why was there a buildup in pressure? The filter used was too small; inappropriate choice in equipment.
 5. Why was the incorrect equipment chosen? The user may likely have been rushing through the procedures.

The user in question was from an outside group, which reduces a bit of WNF's direct control. Due to this, there seems to have been a disconnect in instruction between what the lab requires and what the user was trained on. Alex recommended that the group use the Lab R.A.T. (risk assessment test) form from EH&S whenever making new standard operating procedures. Colleen mentioned that lots of labs have both friction luer syringes and luer-lock syringes, which look very similar. However, if using a filter, only luer lock syringes should be used. This incident has been closed.

- BioE (#2021-08-055) – This incident sounds like someone's back went out. Unfortunate that it happened, but does not seem to be a lab-related incident. It was noted that it was good that there happened to be other lab users around to assist when it happened. Alex mentioned it is also good that they are now aware of when they might need to ask for assistance from other users to avoid this in the future. This incident has been closed.

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Group Business

- All Group 9 documents migrated to OneDrive. Discuss outdated documents:
 - Alex announced that all documents, mostly in their original structure, have been migrated to the new platform for Group 9 shared documents. Alex also stated that everyone should now have access, but to contact him if they have trouble logging in. Everyone should check in the "Archived" folder to see if the documents placed there are still of use and whether they should be brought back into the resources folder.
- Tracy Harvey has agreed to present on decommissioning/moving labs for us next month. Are there specific questions you would like her to touch on?
 - ME is not the only department that has had labs decommissioned recently. ChemE has had two PI's leave and none to fill their place, as well as BioE experiencing a PI death which caused a big issues with properly decommissioning the lab, as funding and personnel instantly dried up.
 - In these cases where no responsible personnel are left, if services to assist departments in decommissioning the lab are not provided on-campus, how might departments get them?
 - Is contracting with an outside group viable?
 - There are many chemicals left over, fume hoods needing cleaning, etc.
 - Where else might building coordinators receive support for lab cleanouts?
 - Are there systems in place to support building coordinators in enforcing labs to properly clean out their fume hoods or other equipment?
 - Colleen has some great tactics on dealing with tricky lab decommissions/moves, but enforcement help is much desired.
 - It was mentioned by several members that assistance/advice in cleaning out old chemical storages has not always been satisfactory and occasionally dangerous; i.e. chemicals growing crystals where the chemical was unknown, it was advised that the new responsible persons dissolve the crystals first.
 - Are there contractors that will take on more duties than just chemical inventory clearing in niche instances?
- Are any voting representatives currently/planned to be appointed?
 - Sonia clarified that each department must have an elected member, but that appointed members can be in addition to a department's elected member.

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- BioE is looking at the potential of appointing Colleen and filling her current elected position with the on-going elections.
- Continue Zoom meetings or change to in-person meetings?
 - The Group 9 Committee has voted to continue meetings via Zoom.

UW-Wide Meeting

- Sheila and Stacia shared updates from the UW-Wide meeting.
 - There is also a Shake Alert app currently available to all Android phones.
 - Shake alert also broadcasts through the same system as Amber Alerts, which means that even if you are not signed up for the app, you should be notified. This is only if you have not blocked these types of alerts in your phone's settings.
 - Seismic group wants to reach out to groups on campus as examples for what the Shake Alert program can do in preparing labs, shops, buildings for earthquakes with the brief warning beforehand. Reach out if you are interested in working with them to create a site plan.

Department Updates

- BioE – Starting back up with in-person classes; lots of access issues, but no safety issues thus far.
- ChemE – Moving surplus incident (actually two at the same time): Found lead in some of the materials being surplus. The second incident involved razor blades being present in a pencil drawer. Kameron stated that this happened to be in one or two drawers that he missed checking. The desks have been there since the 70's and thus have accumulated a lot of materials from several generations of users.
- CSE – Alex asked with respects to the new COVID-19 training, do units still need to track if users have completed this? As Alex understands, the updated training, though highly recommended, is not required for those who have taken an earlier version. Sonia stated that supervisors are still responsible for tracking whether or not the training was completed at some point, but that this may be through their generalized system of tracking training. It is important to note that this training is not for students, but for employees. If a student is also a paid employee, then they still need to take it. Sonia will ask Denise Binder on what method non-employee students are trained. Colleen has stated that all of BioE's courses will include a brief COVID safety training in the first class.
- EH&S – Sonia brought up that there were a few reports at UW Bothell of side walk clings becoming slippery in the increased rain. Be on the look-out for similar situations that might appear on the Seattle campus and report if noted.

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- HCDE – There may be a report from an ECE lab in Sieg Building: Facilities wants materials that have been stored around a roof hook to be removed, as they impede use of the roof hook and cause an unsafe environment. Ary of ECE has been contacted on this, as well. Stacia mentions that there is also a lab moving from Fluke Hall who will be bringing a fair bit of 3D printing and other digital fabrication machinery into Sieg Building. Stacia is looking for resources to assist them in developing SOPs for safety around the machines, particularly with the limitations of Sieg Building. Alex mentioned that he has many SOPs related to this type of equipment that he would be willing to share. Stacia and Alex will be touching base afterward. Sonia also mentioned that they are more than welcome to touch base with the Shops Program for assistance, as well.
- WNF – Still waiting for vaccination verification guidance for outside users of the lab. Lots of contingent workers in the labs currently that have not gone through the same procedures that the rest of the UW has. Maria mentions they now have a paper form for some of the smaller company users. Maria is working with EH&S on this task and is waiting to hear back currently. All of their students, also employees, have filled out both attestations.

Adjournment

- Adjourned at 3:17 PM.

Next Meeting

- October 26th, 2021 at 2:00 PM via Zoom.



Report Number: 2021-06-012

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **RESEARCH SCIENTIST/ENGINEER 2 (E S 7)**

Date Reported (mm/dd/yyyy) : **06/04/2021**

Department: **ENG: Electrical & Computer Engineering Orsborn Lab**

Time Reported: **12/30/1899 4:19:22 PM**

Person Involved or Affected

Department: **ENG: Electrical & Computer Engineering Orsborn Lab**

Incident Details

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **06/04/2021**

Incident Location:

Time of Incident: **12/30/1899 2:00:00 PM**

Room: **I-561**

Other: **HSB, I-561**

Incident Summary: **dirty aluminum equipment cut knuckle through two nitrile gloves, in vivarium**

Supervisor

Full Name: **Amy Orsborn**

Phone: **2066162049**

Occupation / Position:

Email: **aorsborn@uw.edu**

Department: **ENG: Electrical & Computer Engineering**

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): **Fingers**

Cause of Injury/Damage, or Potential Injury/Damage: **Broken Glass, Splinter, Sharp Furniture Edge, etc.; Non-human Primates**

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****When handling sharp metal pieces in the vivarium, thicker nitrile gloves or kevlar gloves should always be used in the future.****Supervisor's Comments**Root Causes: **The primary cause of this incident was not wearing additional gloves when working with sharp pieces of equipment in the animal space.**Recommendations / Preventive Measures: **All lab personnel will be required to wear Kevlar or similar thicker gloves when working with tools that have increased risk of even minor skin abrasions.**Other Comments: **All lab personnel have been informed of the new PPE policy. Glove supplies were checked to assure they are readily available for all personnel.**Corrective Actions Target Date (mm/dd/yyyy) : **06/09/2021**Corrective Actions Complete Date (mm/dd/yyyy) : **06/09/2021****EH&S Comments****fwd: Judy Cashman, Eleanor Wade, Zara Llewellyn, Melinda Young. Not a BBP exposure.**



Report Number: 2021-06-023

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **Postdoctoral Scholar (E S UAW Postdoc)**

Date Reported (mm/dd/yyyy) : **06/11/2021**

Department: **Unspecified**

Time Reported: **12/30/1899 4:07:52 PM**

Person Involved or Affected

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

Incident Details

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **06/10/2021**

Incident Location: **MOLECULAR ENG BLDG**

Time of Incident: **12/30/1899 6:00:00 PM**

Room: **140**

Other:

Incident Summary: **As unscrewed cap, neck of glass vial shattered, cutting palm through standard lab PPE.**

Supervisor

Full Name: **Hugh Hillhouse**

Phone: **=+1 206 685-5257**

Occupation / Position:

Email: **h2@uw.edu**

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

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: **Broken Glass, Splinter, Sharp Furniture Edge, etc.**

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 PPE**

This was a freak accident - no one expects their vial to break when they attempt to unscrew the cap. This sort of event is very difficult to guard against even when using standard lab PPE, as I was at the time. It may be helpful to keep a pair of cut-resistant gloves on hand for people to use if they encounter any abnormal resistance when attempting to cap or uncap a vial.

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: Tracy Harvey, Eleanor Wade



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: 2021-09-002

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: RESEARCH SCIENTIST/ENGINEER 1 (NE S 6) Date Reported (mm/dd/yyyy): 09/01/2021
Department: SOM: Bioengineering: Dr. Yazdan Lab Time Reported: 02:43 PM

Person Involved or Affected

Department: SOM: Bioengineering: Dr. Yazdan Lab

Incident Details

Campus: Seattle Date of Incident (mm/dd/yyyy): 09/01/2021
Incident Location: MAG H.S.C./I Time of Incident: 02:00 PM
Room: 744
Other:

Incident Description: XXXXXXX was working in the Histology Lab with a PhD candidate mentor when she felt light headed and briefly fainted. They moved out of the lab space, sat down and XXXXXXX phoned her parent to come pick her up. Her mom picked her up around 2:35.

Supervisor

Full Name: Toni J Haun Phone: +=1 206 221-6843
Occupation / Position: Email: tonihaun@uw.edu
Department: SOM: Bioengineering: Dr. Yazdan Lab

Classification

Loss of consciousness

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): Fainting, Loss of Consciousness, Seizure
Body Parts Affected (none, if no injury/exposure): Body Systems: Organs, Nervous System, Respiratory, etc.
Cause of Injury/Damage, or Potential Injury/Damage: 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: None

Supervisor's Comments

Root Causes: unknown

Recommendations / Preventive Measures:

Other Comments:

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

EH&S Comments



Report Number: 2021-09-031

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **PROJECT APPOINTMENT - OVERTIME ELIGIBLE (NE S X)** Date Reported (mm/dd/yyyy) : **09/15/2021**
Department: **SOM: Bioengineering: Dr. Folch Lab** Time Reported: **02:48 PM**

Person Involved or Affected

Department: **SOM: Bioengineering: Dr. Folch Lab**

Incident Details

Campus: **Seattle** Date of Incident (mm/dd/yyyy) : **09/15/2021**
Incident Location: **W.H. FOEGE BIOENG** Time of Incident: **01:00 PM**
Room:
Other:

Incident Description: **Splashed a small drop of 50% methanol in eye. Was pushing fluid through small ID tubing connected to a microfluidic device with a syringe, finished the test, disconnected the ID tube from the inlet, and a few drops of liquid sprayed upwards. Washed eye in eyewash for 2 minutes, about 10 minutes after exposure. Was wearing contacts. No redness, or irritation. Felt very faint burn sensation where the droplet had touched, but the feeling disappeared when I turned my attention to other tasks.**

Supervisor

Full Name: **Albert Folch** Phone: **=+1 206 685-2257**
Occupation / Position: Email: **afoch@uw.edu**
Department: **ENG: Bioengineering**

Classification

Injury requiring first aid

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): **Eye or Vision Issues**
Body Parts Affected (none, if no injury/exposure): **Eyes**
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: **Other**

Wear proper PPE when working with hazardous chemicals

Supervisor's Comments

Root Causes: **Working with pressurized fluids contain solvents
Not wearing protective glasses**

Recommendations / Preventive Measures: **Wear protective glasses when working with pressurized fluids (to eliminate risk of splashing, specially when observing from close)**

Other Comments: **I have sent an email to my whole group explaining the incident and explaining that glasses are mandatory especially when operating pressurized microfluidic devices**

Corrective Actions Target Date (mm/dd/yyyy) : **09/16/2021** Corrective Actions Complete Date (mm/dd/yyyy) : **09/16/2021**

EH&S Comments



Report Number: 2021-09-051

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **ADMINISTRATOR** Date Reported (mm/dd/yyyy): **09/20/2021**
Department: **ENG: Aeronautics and Astronautics-Administrative** Time Reported: **01:57 PM**

Person Involved or Affected

Department:

Incident Details

Campus: **Seattle** Date of Incident (mm/dd/yyyy): **09/20/2021**
Incident Location: **GUGGENHEIM HALL** Time of Incident: **12:30 PM**

Room:

Other:

Incident Description: **Large whiteboard was delivered to a side door and not brought into the building. XXXXXXX and one of our fiscal staff XXXXXXX brought it up the stairs into the main office. XXXXXXX picked up the package at a weird angle and tweaked her back**

Supervisor

Full Name: **Kimberly A Maczko** Phone: **=+1 206 616-1114**
Occupation / Position: Email: **kmaczko@uw.edu**

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

Classification

Injury requiring first aid

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): **Sprain, Strain, Twist**
Body Parts Affected (none, if no injury/exposure): **Back**
Cause of Injury/ Damage, or Potential Injury/Damage: **Ergonomic Issues, Repetitive Motions, Awkward Posture**

Slip/Trip/Fall Information

Slip: **None**
Trip: **None**
Fall From Same Level: **None**
Fall From Elevated Height: **None**
Stairs: **Carrying objects**

Contributing Factors

Equipment: **None**
Environment: **None**
Policies / Procedures: **None**
Human Factors: **None**

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: **Provide safety training; Other**

Supervisor's Comments

Root Causes:

Recommendations / Preventive Measures:

Other Comments:

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

EH&S Comments



Report Number: 2021-09-088

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: RESEARCH SCIENTIST/ENGINEER 3 (E S 8) Date Reported (mm/dd/yyyy): 09/30/2021
Department: ENG: Collaboration Core - RTT Managers Time Reported: 11:15 AM

Person Involved or Affected

Department: ENG: Materials Science and Engineering-Luscombe Lab

Incident Details

Campus: Seattle Date of Incident (mm/dd/yyyy): 09/28/2021
Incident Location: NANOENGINEERING BLDG Time of Incident: 02:00 PM
Room: 180
Other:

Incident Description: The sample (solution of an organic fluorescent dye and azide-terminated polybutadiene in ether, 1 ml), was being transferred to another lab. The vial with the solution accidentally fell on the floor and broke, spilling the solution out.

Supervisor

Full Name: Kristine P Parra Phone: +1 206 221-3334
Occupation / Position: Email: kpoparra@uw.edu
Department: ENG: Collaboration Core - RTT Managers

Classification

Property damage only

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: Broken Glass, Splinter, Sharp Furniture Edge, etc.; 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/review work procedures
Next time the solutions would be carried in a secondary container. I will be more careful.

Supervisor's Comments

Root Causes: I was rushing. I had too many objects in my hands, therefore, the vial slipped while I was opening the door.

Recommendations / Preventive Measures: Carry the vials in a secondary container. Do not carry too many objects at once.

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy): 09/30/2021 Corrective Actions Complete Date (mm/dd/yyyy): 10/04/2021

EH&S Comments

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



Report Number: 2021-09-045

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: PROGRAM SUPPORT SUPERVISOR 2
Date Reported (mm/dd/yyyy): 09/17/2021
Department: UWF: OPS: M&C: Moving & Surplus
Time Reported: 03:11 PM

Person Involved or Affected

Department: UWF: OPS: M&C: Moving & Surplus

Incident Details

Campus: Seattle
Date of Incident (mm/dd/yyyy): 09/08/2021
Incident Location: PLANT SVCS BLDG
Time of Incident: 12:15 PM
Room:
Other: Warehouse

Incident Description: At approximately 12:15pm on Wednesday, September 8th, Moving Services delivered surplus order #XXXXXXX to PSB Surplus Warehouse. The order contained a file cabinet that had tipped over. When it tipped over a number of razor blades and a needle head fell out. Pick up origin was Chemical Engineering in Benson Hall. Department contact is XXXXXXX.
Surplus #XXXXXXX, Move Job #XXXXXXX
Moving Staff: XXXXXXX
Warehouse Staff: XXXXXXX

Supervisor

Full Name: Jeanel Cassidy
Phone: =+1 206 616-3705
Occupation / Position:
Email: null@uw.edu
Department: UWF: OPS: M&C: Materials Management

Classification

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

Has Attachment(s): Yes

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: 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: None

Supervisor's Comments

Root Causes:

Recommendations / Preventive Measures:

Other Comments:

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

EH&S Comments



Report Number: 2021-09-047

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: PROGRAM SUPPORT SUPERVISOR 2
Date Reported (mm/dd/yyyy): 09/17/2021
Department: UWF: OPS: M&C: Moving & Surplus
Time Reported: 03:29 PM

Person Involved or Affected

Department: UWF: OPS: M&C: Moving & Surplus

Incident Details

Campus: Seattle
Date of Incident (mm/dd/yyyy): 09/03/2021
Incident Location: Time of Incident: 12:15 PM
Room:
Other: Warehouse

While assisting moving with the disposal of an order brought in on 9/3/21. I put a metal grid into the metal disposal hopper. My coworker XXXXXXXX noticed that the grid likely contained Lead. I pulled it out of the hopper and returned it to the bin.

Incident Description: Surplus #XXXXXXXX, Move Job #XXXXXXXX
Moving Staff: XXXXXXXX, XXXXXXXX, XXXXXXXX, XXXXXXXX, XXXXXXXX
Warehouse Staff: XXXXXXXX, XXXXXXXX

Supervisor

Full Name: Jeanel Cassidy
Phone: =+1 206 616-3705
Occupation / Position: Email: null@uw.edu
Department: UWF: OPS: M&C: Materials Management

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): None
Cause of Injury/Damage, or Potential Injury/Damage: Chemicals; Debris, Dust

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

Supervisor's Comments

Root Causes:

Recommendations / Preventive Measures:

Other Comments:

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

EH&S Comments



Report Number: 2021-09-062

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **MOVING & SURPLUS MANAGER** Date Reported (mm/dd/yyyy): **09/22/2021**
Department: **UWF: OPS: M&C: Materials Management** Time Reported: **03:29 PM**

Person Involved or Affected

Department: **UWF: OPS: M&C: Moving Services**

Incident Details

Campus: **Seattle** Date of Incident (mm/dd/yyyy): **09/20/2021**
Incident Location: **BENSON HALL** Time of Incident: **08:00 AM**
Room: **320 & 339**

Other:

Pickup location: **Benson Hall, Rooms 241,243,320 & 339**
Budget: **XXXXXXXX**

Requestor: **XXXXXXXX**
Staff member onsite: **XXXXXXXX**
Moving Crew: **XXXXXXXX, XXXXXXXX, XXXXXXXX, XXXXXXXX**

Incident Description: **At approximately 8:00am on 9/20/21, Moving Services began picking up Surplus request #XXXXXXXX from the third floor of Benson Hall, Rooms 320 & 339. When the crews arrived onsite, XXXXXXXX unlocked the rooms for them. She was the point of contact for the move job, as XXXXXXXX was out of the office that day.**

Supervisor

Full Name: **Jeanel Cassidy** Phone: **=+1 206 616-3705**
Occupation / Position: Email: **null@uw.edu**
Department: **UWF: OPS: M&C: Materials Management**

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): **Other**

Cause of Injury/Damage, or Potential Injury/Damage: **Box Cutters, Knives, etc.; 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: **Provide safety training; Undertake hazard assessment; Change/review work procedures; Other**

In less than 3 weeks, there have been 3 incidents (hazardous materials) involving this department at Benson Hall. From what I understand, this equipment belonged to staff who are no longer with the University. The department presumed the items were safe for Facilities staff to handle and remove, however, this is not the case. All the remaining items that this department wants to surplus need to be thoroughly checked for hazards. Moving & Surplus will not remove anything else from this area until we have received notification that the items have been thoroughly checked for hazards, decontaminated, cleaned, etc. After we receive that confirmation (from EH&S or the department chair), Moving & Surplus will preview the items with Joe Grojean prior to pickin..

Supervisor's Comments

Root Causes: **CHEMICAL ENGINEERING DEPARTMENT
-Failure to Follow Established Protocol/Procedures
-Inadequate Planning, Preparation
-Inadequate Support, Assistance**

Recommendations / Preventive Measures: **EH&S please continue to follow up with Chemical Engineering re: the items they requested Moving Services to pick up. There are ~100 items that still need to be picked up from the 4 rooms at Benson Hall (241,243,320&339). As well, discuss the expectation for cleaning lab equipment, the new decon form, and the process for surplusing equipment.**

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy): **09/22/2021** Corrective Actions Complete Date (mm/dd/yyyy): **09/22/2021**

EH&S Comments

fwd: Tracy Harvey, Eleanor Wade, Joe Grojean, Liz Penttila, Tracey Mosier. Tracy worked with Jeanel, dept Chair, and dept employee regarding the concerns, clean up, and resolution process, including onsite visits.



U-WIDE HEALTH AND SAFETY COMMITTEE

9/8/2021 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 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 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 type="checkbox"/>	Paula Lukaszek, WFSE Local 1488
<input checked="" type="checkbox"/>	Christine Aker (4)	<input type="checkbox"/>	David Zuckerman (10)	<input 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 checked="" 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 type="checkbox"/>	Wade Haddaway (8)				
<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 checked="" type="checkbox"/>	David Warren (10)				
Ex-Officio Member		Ex-Officio Member		Env. Health & Safety Member	
<input type="checkbox"/>	Tracey Mosier, UWF	<input checked="" type="checkbox"/>	Rick Gleason, DEOHS	<input checked="" type="checkbox"/>	Katia Harb
<input 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 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 type="checkbox"/>	Susan Wagshul-Golden, UWT	<input type="checkbox"/>	Jenna Gravley
		<input checked="" type="checkbox"/>	Allyson Long, UWB	<input checked="" type="checkbox"/>	Tracy Harvey
Guest				<input type="checkbox"/>	Alex Hagen
<input checked="" type="checkbox"/>	Bill Steele, PNSN				
<input checked="" type="checkbox"/>	Gabriel Lotto, PNSN				

Agenda

1. Attendance/Quorum
2. Call to Order
3. Approval of August Meeting Minutes
4. COVID-19 Update
5. Organizational Group Reports and Election Updates
6. Faculty Senate and Union Reports
7. ShakeAlert, Washington State Early Warning System
8. The Great Washington ShakeOut
9. Ex Officio Reports
10. EH&S Updates: L&I and General
11. Good of the Order
12. 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. Attendance/Quorum

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

2. Call to Order

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

3. Approval of August Meeting Minutes

Carmen facilitated a vote and August meeting minutes were approved with no changes.

4. COVID-19 Update

Katia began with the case update, and said UW has a 1.1% positive testing rate. She also said the recent UW and King County surge is plateauing while cases increase in other parts of the state. She indicate our highly vaccinated population is experiencing breakthrough cases, but that vaccination remains the best tool for preventing severe disease and hospitalization. She noted that Public Health- Seattle and King County's new dashboard shows the relative risk for people who are not fully vaccinated. They say unvaccinated people are seven times more likely to test positive for COVID-19, 49 times more likely to be hospitalized for it, and 32 times more likely to die of COVID-19 related illness.

Katia also said the vaccination policy for employees and students is being updated to align with the new state proclamation. Employee attestations are due September 10, and student attestations September 29. UW's employee vaccination verification process will accept a



vaccine card or doctor's note, or use the state database. UW will follow up with those who indicated philosophical exemptions as those are no longer permitted. Per the state, medical and religious exemptions must be reviewed and approved by October 18th. The state and UW vaccine policies apply to contractors, vendors, and volunteers working onsite, with an exemption for those with very intermittent contact like delivery drivers. UW is developing enhanced safety measures (weekly testing) for unvaccinated students and employees.

In other updates, Katia said that the [face covering policy](#) was updated yesterday to require outdoor masking, regardless of vaccination, for events of 500 or more. Last week [event guidance](#) was updated to link to information on [how to require proof of vaccination or negative test results](#). Updated [eating and drinking guidance](#) addresses eating/drinking at desks (minimize time without masks) and food at university meetings or functions. There were two "[COVID-19 Prevention in the Workplace](#)" webinars in late August. As always, she added that people should see the [UW Coronavirus page](#) and [EH&S COVID Resources page](#) for the latest updates.

Katia indicated that for Fall Quarter, EH&S is increasing the number of staff conducting contact tracing and have updated our workplace and classroom [case response](#) notification. She said that as campus population increases, please encourage everyone to activate the [WA Notify app](#), and if you test positive, enter the PIN that the contact tracer gives you, to notify those who have been around you.

Question: Will someone other than my boss know about my vaccination status? Answer: That is still handled as private information. Within your org code, your supervisor, Human Resources, and anyone responsible for implementing the vaccine policy may have access.

Question: Regarding the vaccine mandate, can a union employee use personal time off from October 18 until their retirement on November 30? Answer: Human Resources and the Office of Academic Personnel will work through specific circumstances with unvaccinated individuals.

5. Organizational Group Reports and Election Updates

Carmen explained that our guest speakers were not online yet, and the Charter Update was postponed to October, so we would proceed with organizational group reports. Sonia showed the election timeline and asked for an election update from each group.

HSC-1: Ryan Hawkinson reported that Group 1 selected their election coordinator but has not begun nominations. He said their August accidents/incidents included a lot of sprains and strains, perhaps due to being short-staffed and thus experiencing more repeated or unassisted movements. He said the [Back Safety and Injury Prevention training](#) is often recommended.

HSC-2: Not present.



HSC-3: Tony Colinares reported that Brandon Kemperman provided a presentation on seasonal heat exposure and wildfire smoke exposure. HSC-3 reviewed the election process and asked Kurt to be the election coordinator.

HSC-4: Christine Aker indicated that Group 4 has an election coordinator who is working on the election process.

HSC-5: Liz Kindred said that Group 5 covered their annual BBP exposures review, addressing needlesticks and blood exposures (mostly in operating rooms). She noted decreased incidents in 2020 were likely due to a pause in surgeries last spring. She said last month COVID exposures increased among hospital staff, so contact tracing increased and incident command is back to meeting twice weekly. She said that in Washington there is currently no J&J vaccine available, so 9/13 is the employee deadline for the first Pfizer vaccination. Group 5 is confident about the election process.

HSC-6: Eric Camp said Group 6 reviewed two OARS reports and expect an increase in OARS reports when students return. He said their election coordinator, an appointed member, is leaving for a new job and they hope to find someone else from the Dean's Office with access to all departments.

HSC-7: Martin Arroyo reported Allyson had the nomination Catalyst survey approved and it will be distributed this week.

HSC-8: Chris Barrett reported that they reiterated the heat exposure information for summer, welcomed a new member, and decided to use Zoom for the remainder of 2021. They are still investigating strategies for handling guests on campus, including those living with homelessness and other members of the public walking on campus. They're collecting nominees for the election.

HSC-9: Sheila Prusa reported that Group 9 reviewed OARS reports and are awaiting approval from the Dean's Office of their election plan.

HSC-10: David Zuckerman reported that the heat/smoke speaker was too popular to join them. David mentioned an interesting OARS report describing a fall in a walk-in freezer on a boat. He said that while there is a "locked-in" alarm in the freezer, it was set too high on the wall for someone on the floor to reach. This will be changed next time the boat is in port. Stephanie Harrington, Election Coordinator, and her assistant Jessica, have already reached out to Administrators for help with nominations.

Erin interjected that Katia's office will send out a letter to HSC Executive Sponsors about the elections and advise them about the process. She also indicated that the Chairs may reach out to the Executive Sponsors to verify that all departments are being represented.

6. Faculty Senate and Union Reports

Not present.

7. ShakeAlert, Washington State Early Warning System

Bill Steele of UW's Pacific Northwest Seismic Network said [ShakeAlert](#), the earthquake early warning system, has been operating on the west coast for six years. They are working to develop communications and automated actions for utilities, schools, and others. They are currently putting together a program at UW utilizing these capabilities.

Gabriel Lotto, also of Pacific Northwest Seismic Network, described that ShakeAlert is a collaboration between UW, other universities, and the USGS. It uses more than 1200 seismometers to rapidly detect early earthquake waves, then calculates location and magnitude, and sends alerts to people and facilities seconds to 10s of seconds before an earthquake arrives. ShakeAlert public alerting went live in Washington this May, via Wireless Emergency Alert (WEA, like Amber Alerts) and on all Android phones.

Gabriel said ShakeAlert can be used to trigger customized automated actions, e.g. recall elevators, shut off water and gas valves, activate generators, slow machinery, or make public announcements. They hope UW will implement automated actions and become an example for the west coast. He said other universities have implemented: alerting police officers, hospital staff, facilities management, or other critical staff; or notifying the whole community. He said other examples of its use include slowing down experiments in high energy physics labs, protecting uninterrupted power supplies, or unlocking electronic doors.

Bill said they've worked mostly with UW Medicine at multiple locations, looking at communication and tying into PA systems automatically. They've also considered how to reduce the chance of biological or chemical material releases, how to spin down the big magnets in radiology, and how to safely communicate to surgeons in the OR. He said a November symposium for west coast hospitals will refresh the momentum interrupted by COVID.

Bill said they have also introduced these ideas to the Office of Animal Welfare, UW Facilities, Crisis Communications, EH&S, and UWIT, and plan to speak with HFS. They are creating a campus-wide committee to address the scope of earthquake early warning actions and connect to relevant services like Crisis Communications. They want to work with all departments to find ways to implement ShakeAlert to protect staff and students and critical research.

Carmen asked how ShakeAlert might be integrated in earthquake drills or the Great WA ShakeOut. Bill said they have a special ShakeOut message planned with some school districts.

Denise asked whether any school districts or companies have tied ShakeAlert to their supply chain to ensure they have extra fuel or mitigation supplies. Bill said Boeing has a supply chain



database with all facilities and vendors and they would like to integrate ShakeAlert with such a system.

Liz asked whether there would be a ShakeAlert to her phone for the Great ShakeOut on October 21st. Bill said they would not use the WEA to test all phones. Currently if there is a significant earthquake nearby all Android phones will automatically be alerted, and the WEA system will push to all cellphones that haven't shut off government messaging, but there may be delays. In the future anyone with the app will be notified of nearby earthquakes.

Denise asked whether ShakeAlert might eventually replace a mechanical device as the seismic shutoff valve for fuel tanks? Bill said it can automatically actuate a valve and that it is being done by water and sewer utilities to protect reservoirs.

Bill suggested folks contact [Gabriel](#) and [Bill](#) with any ideas on how to use ShakeAlert at UW.

8. The Great Washington ShakeOut

Our own Steve Charvat described the [Great Washington ShakeOut](#), which will be Thursday October 21st at 10:21am. He said this annual exercise of basic earthquake preparedness has occurred on the west coast for ten years and gone international. He said that it's always the 3rd Thursday in October, and that there are over 800k participants registered in WA this year. He said that it is free to sign up and there are resources available.

Steve said the message is simple: [Drop, Cover, and Hold On](#) when you feel the earth shaking. UW has participated since 2009, the last five years including our full stress test of the UW Alert system across all three campuses. Participation is voluntary, by college, unit, building, classroom, etc. With building management approval, you might be able to announce it over your PA system, or you might use a bullhorn. He said practice "Drop, Cover, & Hold On" to improve your muscle memory. UWEM has an [Earthquakes](#) resources page, refreshed annually.

Bill asked about access to the UW buildings' PA systems, which are part of fire safety systems. Steve said there is not one central way to broadcast from all building PA systems. Steve said the Crisis Communications team can override the PA system on some buildings, but it takes great effort and UWEM would like to automate it more. He said UW will have the annual Indoor Alert test later this Fall.

In the past Sonia said Bioengineering in W.H. Foege North conducted a practice drill, where they were able to speak over the PA with UW Facilities' assistance (note: limited UWF personnel available). She said they announced the pretend earthquake and advised to "Drop, Cover, and Hold On"; then after the "shaking" stopped, proceeded with an evacuation drill. She said that before the evacuation they placed four signs in random places on each floor of the building, indicating a pretend chemical spill, a door that wouldn't open, a vertical crack in wall, and a horizontal crack in a wall. Once everyone was outside of the building, they tracked what information filtered to the evacuation wardens. It was an exercise in building muscle memory



to look for these things as you evacuate. Evacuation directors need that information after a big earthquake since occupants may not be allowed back in until the ATC-20 team clears the building.

Sonia verified that there will be a UW Alert on 10/21. Steve confirmed that they will be conducting an annual stress test of the system. Steve said there may be latency issues with pushing the alert to all three campuses.

Steve said that three ATC-20 teams will conduct their annual practice on campus on Tuesday September 28. ATC-20 teams are presently led by KC Chen and were established after the Nisqually earthquake to rapidly assess the structural status of buildings.

9. Ex Officio Reports

Emergency Management: During his presentation, Steve mentioned that the June 2021 heat wave was a deadly natural disaster, with hundreds of deaths and reports still coming in. This type of event may be part of Washington's future and will require additional collaborations with UWEM.

Steve mentioned that UWEM activates for every football game.

DEOHS: Rick Gleason reported that the 70th annual [Governor's Industrial Safety and Health Conference](#) will be remote rather than in person this September 28 through October 20.

AGO: Nancy Gwin had nothing to report.

Claim Services: Ken Nielsen had nothing to report.

UW Bothell: Allyson reported they will host a Husky Coronavirus Test site at the end of the month. They also coordinated a vaccine pop-up clinic on the 27th and hope to schedule another in October to help people meet compliance deadlines.

10. EH&S Updates: L&I

Erin McKeown reported that there are no new Labor & Industry compliance investigations to report at this time. She said we await the outcome of appeals for violations at Harborview, UWMC Montlake, UWMC Northwest, and the Eastside Specialty Clinic.

EH&S Updates: General

Erin announced EH&S job openings: two Lab Safety Specialist temporary positions, and one Web Computing Specialist temporary position. She said we have recent changes in staffing at EH&S including a new COVID-19 nurse from Hall Health, Maija Brissey; Bob Calnan was promoted to manager of the Fume Hood and Biosafety Cabinet programs, and Alex Hagen was promoted to manager of the Lab Safety Inspection program.

Denise said EH&S is very busy with COVID updates.

11. Good of the Order

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

12. Adjourn

U-Wide Chair Carmen Parisi adjourned the meeting early at 2:07 pm.

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

October 13, 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	10 min
National Biosafety Month	Lesley Decker	Presentation	10 min
EH&S Resources for a Safe Return to Lab Work	Alex Hagen	Presentation	10 min
Charter Updates and Vote	Sonia Honeydew	Discussion	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.



PUBLIC HEALTH GUIDANCE FLOWCHART FOR COVID-19

SCENARIO 1: You tested positive for COVID-19.

Regardless of your vaccination status and regardless of whether or not you have symptoms.

STAY HOME and NOTIFY covidehc@uw.edu.¹

Do not go to work or class for 10 days since your symptoms started, 10 days since your test date (if you have no symptoms), or as instructed by a contact tracer.

ENTER YOUR WA NOTIFY PIN.

Your contact tracer will give you a PIN number to enter in your mobile device to confidentially alert close contacts.

COMPLETE THE ELECTRONIC SURVEY.

The COVID-19 Response and Prevention Team¹ will send you a link to a health survey prior to Day 10.

Did your symptoms improve after 10 days of isolation?

YES

NO

End isolation if you have **no symptoms OR your symptoms have improved**, AND you have not had a fever for at least 24 hours without using fever-reducing medication. It is *not* necessary to get tested again.

Remain in isolation and notify covidehc@uw.edu¹ if your symptoms have *not* improved. Stay home until you have received guidance.

SCENARIO 2: You were in close contact² with an individual who tested positive for COVID-19.

Are you fully vaccinated?³

YES

NO

Do you have symptoms?

YES

NO

STAY HOME and NOTIFY covidehc@uw.edu.¹

NOTIFY covidehc@uw.edu.¹

GET TESTED IMMEDIATELY.

POSITIVE

NEGATIVE

FOLLOW SCENARIO 1.

You can return to work and/or class if **all** of the following apply to you:
1. Your **symptoms are mild**; and
2. Your **symptoms have improved**; and
3. You **have not had a fever for at least 24 hours** without using fever-reducing medication.
If your symptoms are severe or getting worse, stay home, notify covidehc@uw.edu¹ and consult a health care provider.

GET TESTED 3-5 DAYS AFTER EXPOSURE.⁴

POSITIVE

NEGATIVE

FOLLOW SCENARIO 1.

Watch for symptoms and wear a **mask** around others outside of your household for 14 days since your last exposure. If you develop symptoms, follow instructions for vaccinated close contacts with symptoms in Scenario 2.

Will you have ongoing close contact (e.g., household member has COVID-19)?

YES

NO

Contact covidehc@uw.edu¹ to receive additional guidance.

No further action is needed.

STAY HOME and NOTIFY covidehc@uw.edu.¹

Do not go to work or class for 10-14 days since your last exposure or as instructed by the contact tracer.

GET TESTED 3-5 DAYS AFTER EXPOSURE.⁴

POSITIVE

NEGATIVE

FOLLOW SCENARIO 1.

Remain in **quarantine for 10 to 14 days** from your last exposure and **watch for symptoms**. Contact covidehc@uw.edu¹ to receive guidance for ongoing or continued exposure.

Did symptoms develop during quarantine?

YES

NO

Notify covidehc@uw.edu¹ and get tested immediately. Stay home for 10 days from symptom onset or as directed by a contact tracer.

You can return to work or class when you have completed quarantine.

SCENARIO 3: You have a symptom(s) of COVID-19 but NO known exposure to a COVID-19 positive individual.

STAY HOME.

Do not go to work or class, regardless of vaccination status.

GET TESTED IMMEDIATELY.

POSITIVE

NEGATIVE

FOLLOW SCENARIO 1.

Stay home until symptoms have improved and you have not had a fever for at least 24 hours. If symptoms worsen, get tested again and contact your health care provider.