

**Agenda – July 27, 2021**  
**Group 9 (College of Engineering) Health and Safety Committee**

**1. Attending**

Carter Beamish or Rachel Reichert, AA  
Colleen Irvin, BioE  
Sean Yeung or Michael Brett, CEE  
Michael Pomfret, CEI  
Kameron Harmon, ChemE  
M. Glidden, CoE DO  
Alex Lefort or Adrian Dela Cruz, CSE  
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  
Sean Krewson, MSE  
N. Shane Patrick or Maria Huffman, WNF

**2. Previous Meeting Minutes**

- June 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>.
- ME @ Bowman Building (#2021-06-010) – Fire in microwave chemical reactor.
- ECE @ HSB (#2021-06-012) – Cut on knuckles from dirty aluminum.
- ChemE @ MoE Building (#2021-06-023) – Hand laceration from shattered vial.
- MSE @ Wilcox Hall (#2021-06-055) – DIY DI water system leak, causing flood of several floors, basement with high voltage.
- WNF @ Fluke Hall (#2021-06-073) – Potential chemical exposure after glass laceration from chemical spill/clean-up.

**4. Group Business**

- Discuss HSC Elections & Select Election Coordinator.
- Discuss updates on COVID-19 regulations and building re-occupancy.
- L&I new safety policies with respect to outside work during wild fire-caused smoke.
- New platform for Group 9 documents, packets, and minutes?

**5. UW-Wide Meeting**

- June minutes attached.
- July agenda attached. Meeting highlights will be presented by Sheila Prusa and Stacia Green:
  - COVID-19 Updates:
    - Physical distancing changed to optional except in the following situations: K-12 programs, child care, and health care. This is L&I and state-wide.
    - COVID-19 vaccination policies now effective:
      - If you are fully vaccinated or know you will be declaring an exemption, you are required to attest as soon as possible. If waiting to complete full vaccination, September 10<sup>th</sup> is the deadline to attest.
      - Ways for supervisors to confirm if employees have attested will be available by end of day or next week (from U-Wide meeting date; this has now been added).

- Visitors to UW are not required to be vaccinated. However, masks required if not. Remember, this information is protected and one should only iterate the requirements on-campus and not ask for a person's status.
- It is important to note that people can and will mask for various reasons, regardless of their vaccination status. Do not assume status on whether someone is masked or not.
- Room occupancy limits no longer apply.
- Many policies changing. Check EH&S COVID-19 Page for the latest details and updates.
- Seasonal Heat & Wildfire:
  - Be aware of heat stress. Discussed new WAC 296-62-0955 and what temperatures are acceptable inside and outside during summer.
  - Wild fire smoke contains particles smaller than 2.5 micrometers, known to cause various issues, including increased susceptibility to respiratory infections (i.e. COVID-19, flu, etc)
  - Discussed safety measures to take during periods of smoke presence.

## **6. Member Updates**

***Next Meeting: July 27<sup>th</sup> at 2pm, via Zoom***

# Meeting Minutes

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

**Meeting Date: June 29, 2021 (via Zoom)**

### **Attended**

*Carter Beamish, AA*

*Colleen Irvin, BioE*

*Sean Yeung, CEE*

*Michael Pomfret, CEI*

*Kameron Harmon, ChemE*

*Alexander Lefort, CSE*

*Ary Prasetyowati, ECE*

*Sonia Honeydew, EH&S*

*Stacia Green, HCDE*

*Sheila Prusa, ISE*

*Dzung Tran, ME*

*John Young, MoIES/NanoES*

*Sean Krewson, MSE*

*N. Shane Patrick, WNF*

### **Absent**

*Michael Glidden, CoE DO*

### **Previous Meeting Minutes**

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

### **Incident Reports**

## Meeting Minutes

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

- BioE (#2021-04-047) - Tabled from last month. The student in question was put through training on how to appropriately mount a slip and sample onto a glass slide again. There seems to be a learning curve on how to get slips mounted without breaking them when users are first learning. This incident has been closed.
- BioE (#2021-05-025) - The training for these students was done by Comparative Medicine. These types of injuries are not uncommon while students are learning for the first time. If they hesitate when picking up the mice, the mice are given the opportunity to bite them. This hesitation goes away with experience, which is why this training session is offered; To give students the opportunity to build this experience in a safer and supervised environment. This incident has been closed.

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

- AA (#2021-05-046) - The incident actually occurred in the Kirsten Wind Tunnel, not in a UWPD car. This was a mistake when submitting the form. The student in question was working with another on a motor. A controller needed to be replaced in a sub-electrical box which was then connected to a breaker box. The other student mentioned that they had turned off the breaker leading to the control box, but this ended up not being the case. The injured student, when trying to change out the control box, was then shocked and was unable to release the wire for several seconds. They went home at first, but later it was found that they had internal hand and chest burns when they felt discomfort and visited an ER. An extensive root-cause analysis was conducted alongside EH&S. It was noted that the lab needed more supervision of the students. Lab staff were only there about 70% of the time. AA has also made it clear that only Facilities Shops will be doing anything requiring connection with electrical mains. They will also have students working on these systems trained on Lock-Out Tag-Out (LOTO) procedures. Shane mentioned that most of these panels do not have automatic LOTO systems, though some do. Mentioned that, if they do plan to allow students to work on these in the future, that they should look into getting an automatic LOTO system installed. The group at large asked to see the root-cause analysis report. Carter said he would talk to his Chair about this potential. Sonia stated that these reports are generally something done specifically between the lab and an EH&S subject matter expert, but it could be useful for everyone to see one. Kameron was interested in who is/should be responsible for electrical work. Noted that some labs need access to electrical boxes. It was confirmed that it was a control panel, not a breaker box, that the students were working on. Shane also mentioned that when dealing with a UW shops-installed breaker box, 3rd parties cannot enter these. In these cases, certain employees may need to get Facilities Services approval to manipulate these particular breaker panels. If owned by another group (such as panels that service specific research machines), they may open a ticket with Facilities to work on the piece, but this is not necessary. If anyone has questions who has responsibility, Shane mentioned that they should connect with the Facilities lead in relation to the energy type. Regardless, whenever working with any high energy source, there must always be a LOTO plan in place. This incident has been closed.

### Group Business

- Sonia updated the group on the broken pavers at Foege mentioned in the last meeting:
  - There is still a large hole in the walkway. The broken pavers have been removed, but have not been replaced.

## Meeting Minutes

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

- The pathway is technically one inch over the minimum required for ADA, but it still seemed too tight. Fire Safety agreed.
  - They have replaced one paver since this and it has mitigated the immediate issues, though the other pavers still need to be replaced.
  - Sonia is still awaiting further information.
  - Sonia mentioned bumping this again to see if we can't get more info on timelines moving forward.
- Sonia updated the group on information from Brandon Kemperman on the leak in Foege leading from the 5th to the basement floor:
  - The water did not spray into the insulation and was hot water, thus seems to have evaporated quickly and without high risk of mold.
  - The leak has since been repaired.
  - Colleen will be touching base with Kemperman just to ensure there is no mold risk.
- Discussed updates on COVID-19 regulations and building re-occupancy:
  - State-wide updates are incoming, but have not been released yet. Tomorrow, June 30th, or the following Monday should see these released. The UW will respond a bit slower due to lag time between hearing the updates and updating on-site procedures.
  - It was reiterated that we will most likely still require masks throughout the rest of the summer.
  - Sonia stated that they are trying to update signage. Still awaiting more information on this.
- Discussed hot weather concerns around working at home:
  - Alex mentioned that some of the grad students at CSE were pushing for the buildings to be fully reopened, as the temperatures seen recently could be seen as a health hazard. CSE's Director responded to this urging that people do not work those days if they do not need to if they are working from home and urged faculty and staff to be lenient. If, in the case of deadlines, someone needed to come in to work, she urged them to contact her and the Operations Team to discuss and find accommodations in the building. Best practices to stay cool were also sent out.
  - Shane mentioned that, if your building has any critical environmental controls, departments may want to have people checking on them. Shane mentioned that there have been lots of issues around campus where some of these machines are failing during the heat wave.
  - Sonia asked if members might share what automatic controls and warning systems they use to ensure nothing goes offline/fails.

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

- Colleen mentioned Convergent worked well and would call her whenever an issue arises for fastest response. Colleen has had issues with Johnson's systems with slow responses leading to a meltdown of a freezer lab.
- Shane stated that WNF has a gas control and fire control sensor from Johnson's that works quite well, but noted that this is a very different system than what Colleen was dealing with.
- Shane also mentions that Sensaphone System may be used for certain equipment, as well. It does require ethernet and also has no battery backup.
- Colleen mentioned that closing shades, windows, etc went a huge way to reducing the load on HVAC systems.
- Sean Yeung has used TraceableLive for deep freezers to good effect.
- John Young mentioned that Colleen's suggestion on reducing load on HVAC systems was very useful for his spaces, as well.
  - For more information on avoiding heat illness:  
<https://www.ehs.washington.edu/about/latest-news/avoid-heat-illness-water-rest-and-shade>
- Alex updated the group on chemical inventory systems:
  - Alex hasn't been able to connect with Krystyn for a bit, as both their schedules have been busy.
  - The large overhaul of MyChem should be happening June 30th, which should solve the issue.

### UW-Wide Meeting

- Sheila shared updates from the UW-Wide meeting:
- UWPD reported on building safety issues around campus.
  - Trespasses and burglaries were down, but they expect the burglaries to go up as people return to campus and potentially notice items missing.
  - Several significant crimes that have recently been resolved:
    - Registered sex offender and serial voyeur who was targetting female staff and students on campus. Offender was arrested after a multi-state evasion.
    - Another arrest was made on charges of distribution of narcotics on campus.
    - A serial burglar and repeat bike thief.
- Kristine Kennedy reported on protocols for re-occupying buildings:

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

- Curtailed buildings from during the pandemic will be ready for occupation by the beginning of fall quarter.
- Facilities Services has a schedule and is in the process of opening them one by one.
- If your department's building must be moved up in the process, your Building Coordinator should route the request through the Dean's Office, who will contact your account manager and work with Facilities Services to adjust lights, return airflow systems online, have water tested, and have the building cleaned. The process may take several weeks. A Building Coordinator checklist will be provided at the July Building Coordinator meeting.
- The Department of Health Services, in conjunction with Puget Sound Clean Air Act, recommends that everyone prepare now for a summer of poor air quality due to forest fires. If you do not already have an air filtration system in your home, you can make one yourself. There are videos on YouTube that show how to do this with a \$20 box fan and a MERV13 air filter (four for \$16 at most hardware stores). A link to how to build your own box fan filter was provided: <https://pscleanair.gov/525/DIY-Air-Filter>
- Health & Safety Committee elections are coming up. All groups will need an election coordinator by the end of July. See more information at: <https://www.ehs.washington.edu/workplace/health-and-safety-committees>
- Evacuation drills are coming up this summer. Make sure your emergency plans are up to date prior to September.
- The COVID update was very positive; the only expected restrictions are that non-vaccinated people wear masks to protect themselves.
- New DEI policies are coming, including website updates for more inclusive language and updates to our charter.

### **Department Updates**

- ECE - Mike Kane is no longer part of the UW and ECE now has an opening for Facilities Manager.
- ME - There was an incident over the weekend where the overflow of an AC unit drained into an office. Furniture was damaged, but hopefully will dry out soon. A computer was also damaged. Sean is unsure about wall damage, but is having Shops check when able.
- MoIES/NanoES - There was a ground floor leak. This was caused by an issue with a chiller and was due to sediment build-up over the years. This is an issue that John Young has been working with due to an improper install by contractors when the building was constructed.



## **Meeting Minutes**

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

- MSE - There was a June 20th water leak in Wilcox Hall. This flooded several labs on the first floor and also flooded a room in the basement with high voltage panels. Shops are noting this as a near-miss. The leak was from a DI water purifier install done by research students and not by the Shops. Shops have reiterated that these installs should not be done DIY. Contact the Shops whenever connecting a system to the building services.

### **Adjournment**

- Adjourned at 3:10 PM.

### **Next Meeting**

- July 27th, 2021 at 2:00 PM via Zoom.



Report Number: 2021-06-010

Contact EH&S at 206-543-7262

**Person Reporting Incident**

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

Date Reported (mm/dd/yyyy) : **05/21/2021**

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

Time Reported: **12/30/1899 6:30:02 PM**

**Person Involved or Affected**

Department: **ENG: Mechanical Engineering-Gao Lab**

**Incident Details**

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **05/21/2021**

Incident Location: **BOWMAN BUILDING**

Time of Incident: **12/30/1899 12:45:00 PM**

Room: **112**

Other:

Incident Summary: **Smoke and 12" flames within lab microwave chemical reactor. Stopped microwave, deployed handheld fire extinguisher, closed and unplugged microwave, evacuated lab and allowed microwave to clear before opening.**

**Supervisor**

Full Name: **Michael Pomfret**

Phone: **=+1 206 685-6833**

Occupation / Position:

Email: **mpomfret@uw.edu**

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

**Classification**

**Fire or Explosion**

Has Attachment(s): **Yes**

**Type of Incident**

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

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

Cause of Injury/ Damage, or Potential Injury/Damage: **Fire, Explosion**

## 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: **Undertake hazard assessment; Submit request for maintenance/repair; Change/review work procedures forward.**

### Procedure:

- 1. Control and sample vessels will have the exact same solution.**
- 2. Solutions will have proper stirring. ..**

## Supervisor's Comments

Root Causes: **Upon consultation with the equipment manufacturer, CEM, it was clear that the user has historically had issues with the equipment not reading at the desired temperature. The user had, in the past, started their run at already elevated temperatures, as well as stopped and re-started their run numerous times, which may have caused issues with the equipment's temperature measurement mechanisms, and subsequently caused the temperature to read inaccurately. Furthermore, the user would allow the equipment to attempt to read 150C for extended periods of time. As the temperature was likely reading inaccurately low, this forced the equipment t..**  
**Staff will then consult with the equipment manufacturer for advice on how to proceed.**

Recomendations / Preventive Measures: **2. The equipment manufacturer has offered to send a synthesis expert to help develop a secure protocol for this specific application.**  
**3. The equipment manufacturer has software updates to help prevent temperature inaccuracies.**  
**4. The equipment manufacturer noted a few specific best practices that should be utilized:..**

Other Comments: **Joey Law and vendor (CEM) conducted extensive investigation to determine the cause of the fire. Proper SOP has been conveyed to Testbeds users.**

Corrective Actions Target Date (mm/dd/yyyy) : **08/16/2021** Corrective Actions Complete Date (mm/dd/yyyy) :

## EH&S Comments

**fwd: Diana Zumba, Scott Nelson. CEI Managing Director is working with equipment manufacturer to determine root cause. -S.H. 6/7**





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 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****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 Sholar (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 Information**Slip: **None**Trip: **None**Fall From Same Level: **None**Fall From Elevated Height: **None**Stairs: **None****Contributing Factors**Equipment: **None**Environment: **None**Policies / Procedures: **None**Human Factors: **None****Suggested Corrective Actions by Affected Party**Suggested Corrective Actions: **Provide PPE**

**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: 2021-06-055

Contact EH&S at 206-543-7262

**Person Reporting Incident**

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

Date Reported (mm/dd/yyyy) : **06/23/2021**

Department: **ENG: Materials Science and Engineering**

Time Reported: **12/30/1899 1:05:32 PM**

**Person Involved or Affected**

Department: **ENG: Materials Science and Engineering**

**Incident Details**

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **06/20/2021**

Incident Location: **WILCOX HALL**

Time of Incident:

Room: **236D**

Other:

Incident Summary: **DI water system hose popped off and flooded several labs on 1st and 2nd floors. Some water made it to high voltage vault in basement but UWF stopped it in time.**

**Supervisor**

Full Name: **Christine K Luscombe**

Phone: **=+1 206 616-1220**

Occupation / Position:

Email: **luscombe@uw.edu**

Department: **ENG: Materials Science and Engineering**

**Classification**

**Property damage only**

Has Attachement(s):

**Type of Incident**

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

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

Cause of Injury/ Damage, or Potential Injury/Damage: **Flood, Wind, etc. (Indoors or Outdoors)**

**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**

**Moving forward plumbing will be done by facilities, not research group, not DIY (Do it yourself). Interim Chair sent an announcement out to the building PIs notifying them to NOT do their own plumbing work, so as to avoid this from happening again. Additionally could remind researchers to periodically check on their equipment to see if anything needs service.**

**Supervisor's Comments**Root Causes: **Old equipment  
Improper installation**Recomendations / Preventive Measures: **Work with facilities to ensure proper installation. Regularly check up on old equipment.**

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy) : **06/28/2021**

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

**EH&S Comments**

fwd: Natalie Daranyi, Scott Nelson, Tracey Mosier



Report Number: 2021-06-073

Contact EH&S at 206-543-7262

**Person Reporting Incident**

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

Date Reported (mm/dd/yyyy) : **06/29/2021**

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

Time Reported: **12/30/1899 12:05:33 PM**

**Person Involved or Affected**

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

**Incident Details**

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **06/29/2021**

Incident Location: **FLUKE HALL**

Time of Incident: **12/30/1899 9:30:00 AM**

Room: **127B**

Other:

Incident Summary: **Possible P-20 (HMDS/PGMEA) exposure when silicon sliver punctured glove(s) while cleaning up small spill at in-bench spin coater.**

**Supervisor**

Full Name: **Nicholas Patrick**

Phone: **=+1 206 221-1045**

Occupation / Position:

Email: **patricns@uw.edu**

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

**Classification**

**Injury requiring first aid**

Has Attachement(s): **Yes**

**Type of Incident**

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

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

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****Splinter shard was incredibly small and not easily seen. Likely left behind after another user cleaned up following a silicon wafer break. Facility to review process for cleaning up wafer breakage and remind users to be thorough in their cleaning.****Supervisor's Comments**

Root Causes: **Wafer breakage by previous user, insufficient cleanup of breakage debris  
Failure to notice wafer debris created hazardous work surface, though debris was likely next to impossible to see  
Chemical spill requiring cleanup in vicinity of sharp debris**

Recommendations / Preventive Measures: **Review wafer breakage cleanup policies and procedures  
Users to be reminded to use caution and attention to detail when cleaning up and when prepping to work at any workstation.  
Users to be reminded to use caution when working with chemicals as even small spills can pose hazards, not all of which are directly related to the chemical itself.**

Other Comments: **I do not believe the affected user was directly at fault in this situation given the difficulty of noticing a small, silvery shard of something a stainless steel work surface. However, everyone is responsible for everyone's safety in a hazardous environment, and extra caution goes a long way. All users to be reminded to work carefully and to look out for each other's safety above and beyond all other priorities.**

Corrective Actions Target Date (mm/dd/yyyy) : **06/29/2021** Corrective Actions Complete Date (mm/dd/yyyy) : **06/29/2021****EH&S Comments**

fwd: Tracy Harvey, Eleanor Wade

## U-WIDE HEALTH AND SAFETY COMMITTEE

6/9/2021 Meeting Minutes | 1:00 p.m. - 2:30 p.m. |

Elected Member*		Appointed Member*		Faculty Senate Member*	
<input checked="" type="checkbox"/>	Ryan Hawkinson (1)	<input checked="" type="checkbox"/>	Mark Pekarek (2)	<input type="checkbox"/>	Ian Bennett
<input checked="" type="checkbox"/>	Carmen Parisi (1)	<input checked="" type="checkbox"/>	Kurt Oglesby (3)		
<input checked="" type="checkbox"/>	Erick Rostad (2)	<input checked="" type="checkbox"/>	Beth Hammermeister (4)	<b>Labor Union Member*</b>	
<input 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"/>	Christine Kang, UAW 4121
<input checked="" type="checkbox"/>	Michael Sage (5)			<input checked="" type="checkbox"/>	Ann Aumann, SEIU 925
<input checked="" type="checkbox"/>	Eric Camp (6)			<input type="checkbox"/>	Amanda Clouser, UAW 4121
<input checked="" type="checkbox"/>	Tamara Leonard (6)				
<input checked="" type="checkbox"/>	Martin Arroyo (7)			<b>Proxy*</b>	
<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 <b>13</b> = 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 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 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 type="checkbox"/>	Barry Morgan, UWEM	<input checked="" type="checkbox"/>	Ken Nielsen, Risk Services	<input checked="" type="checkbox"/>	Sonia Honeydew
<input checked="" type="checkbox"/>	Lt. Chris Jaross, UWPD	<input type="checkbox"/>	Susan Wagshul-Golden, UWT	<input type="checkbox"/>	Jenna Gravley
		<input checked="" type="checkbox"/>	Allyson Long, UWB	<input checked="" type="checkbox"/>	Tracy Harvey
<b>Guest</b>				<input type="checkbox"/>	Alex Hagen
<input checked="" type="checkbox"/>	Kristine Kenney, OYPDS				

## Agenda

1. Attendance/Quorum
2. Call to Order
3. Approval of May Meeting Minutes
4. UWPD: Building/Campus Safety Update
5. UWF: Protocol for Re-Occupying Curtailed Space
6. Organizational Group Reports
7. Union Reports
8. Ex-Officio Reports
9. EH&S Updates: L&I and General
10. COVID-19 Update
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 a reminder of the Zoom voting process.

### 3. Approval of May Meeting Minutes

Carmen facilitated a vote and May meeting minutes were approved without any changes.

### 4. UWPD: Building/Campus Safety Update

UWPD Lt. Chris Jaross shared a PowerPoint presentation reviewing community statistics and issues relevant to safety on campus. Criminal trespass incidents (and burglaries) have decreased from 2020 because fewer people have access to buildings. Custodial Services are in the front line of defense, often finding unaffiliated people in the buildings at the start of their shift.

Sergeant Jackson is working with the homeless population, and successfully moved an individual who is a regular into temporary housing when the person experienced a deterioration in their health.

Per the Pandemic Security Response Plan, security guards have been doing more building checks and UWPD identified hotspots that receive extra attention. UWPD has identified and arrested several suspects responsible for crimes, but King County Jail will not accept low level



misdeemeanors at this time (due to the pandemic). The biggest site of vandalism has been the George Washington statue. Lt. Jaross reviewed significant crimes solved by UWPD's Investigations Bureau (IB). See the UWPD blog, website, and UW Alerts for more information. Lt. Jaross offered to present this information to the U-wide on a regular basis. He was asked if car prowls are on the increase across the campus, as someone reported an increase of them at CUH; Lt. Jaross said they seemed steady, but he will recheck the statistics.

## 5. UWF: Protocol for Re-Occupying Curtailed Space

Kristine Kenney from UW Facilities' Capitol Architecture & Planning Group advised on the reoccupation of campus buildings, which has health and safety implications for those on campus this summer. UW Facilities does *not* plan to change the building curtailment schedule over the summer. Buildings that are open will remain open, and those in curtailment (which affects comfort cooling levels, lighting levels, cleaning levels, and door unlock schedules allowing public access) will gradually be prepared for reopening by Autumn quarter.

If building occupants plan to increase employee occupancy levels or host summer programs, their Building Coordinator should tell their custodial manager the expected number of people, location, and times. The custodial group (Building Services Department) will not be fully staffed until August or September, but with warning they will try to accommodate these needs. Hand sanitizer dispensers will be installed at building main entrances this summer. The Building Readiness Guide checklist, a COVID-19 prevention checklist for Building Coordinators, will be updated in July.

Building Coordinators will need to work with UW Facilities if they want to adjust exterior access schedules over the summer; the Building Coordinators themselves may be responsible for locking a building if that occurs between custodial shifts during the early afternoon.

UWF plans to complete HVAC checks of all curtailed building by the end of July. To move a curtailed building out of curtailment before Autumn quarter, occupants should route their request from their Dean's Office to their UWF [Account Manager](#). UWF will prioritize requests, but it may take 2-3 weeks to return temperature settings to normal.

## 6. Organizational Group Reports

**HSC-1:** Ryan Hawkinson reported that earlier today HSC-1 reviewed OARS reports using Tableau. They noted they can ask EH&S for any additional narrative details as needed for incidents.

**HSC-2:** Mark Pekarek reported that HSC-2 last met on May 13<sup>th</sup> and will meet again tomorrow.

**HSC-3:** Kurt Oglesby reported that HSC-3 reviewed OARS reports on May 19<sup>th</sup>.

**HSC-4:** Christine Aker reported that HSC-4 reviewed OARS reports and did a quarterly review of trends with the OARS dashboard. Beth Hammermeister asked if the new Supplemental Accident Prevention Plan (SAPP) Template had been posted yet, and Erin indicated it would be posted soon.



HSC-4 had a guest discuss dental clinic air quality and fielded a Back to Work question from Pediatrics.

**HSC-5:** Liz Kindred reported that HSC-5 skipped their May meeting. Hospitals have seen a decrease in COVID-19 cases and are now allowing patient visitation.

**HSC-6:** Eric Camp said HSC-6 started discussing when to resume to in-person meetings.

**HSC-7:** Martin Arroyo reported HSC-7 met yesterday. Allyson Long presented information about heat safety during the summer, and safe disposal of surplus equipment. They discussed HSC-7 membership. There was delayed incident reporting when a student had an at-home lab incident, so perhaps lab safety orientations should include a walk-through of how to complete an OARS report.

**HSC-8:** Chris Barrett reported that HSC-8 met on May 13<sup>th</sup>. The Director of Facilities reminded them about twice-weekly pop-up vaccination clinics, and noted one building's HVAC issue.

**HSC-9:** Sheila Prusa reported that HSC-9 met on May 25<sup>th</sup>.

**HSC-10:** David Warren reported that HSC-10 used Tableau to access OARS reports and noted that they are a snapshot in time, and EH&S can check for new information added since they were loaded into Tableau. The College of the Environment is now soliciting ideas for Safety Improvements via their Safety Suggestion Box.

**Faculty Senate Report:** Ian Bennett was not present.

## 7. Union Reports

Ann Aumann of SEIU 925 had no updates.

Paula Lukaszek of WFSE Local 1488 relayed employee HVAC concerns in lunch and computer spaces at the Plant Services building, and general concern that UW Facilities is behind in changing filters.

Denise Bender of EH&S advised us that EH&S and UWF (including Engineering and Customer Care) are meeting weekly. The HVAC checklist has been completed on all open buildings; this includes checking the Air Handler Unit (AHU), changing MERV-13 filters for return air at the main AHU, verifying the system maintains a certain static pressure, and checking dampers and motors on the HVAC side. This checklist ensures that the HVAC is functioning as designed and constructed. Curtailed buildings will be open by September, meaning they will undergo the same HVAC checks as well as water checks; UWF works with Building Coordinators regarding signage and hygiene.

Denise advised everyone to report HVAC concerns to UW Facilities and [report odors](#) to EH&S at [ehsdept@uw.edu](mailto:ehsdept@uw.edu). Odor concerns are triaged by the EH&S' [Indoor Air Quality](#) team in conjunction





with UW Facilities. These reports have led to the discovery and resolution of burned-out fan terminal unit motors. [Report natural gas smells and temperature concerns](#) to UW Facilities' [Customer Care](#) team.

Denise reported that Brandon Kemperman is updating the HVAC FAQ linked on the [UW Facilities Building Readiness web page](#) with information about air changes and quality of filtration, as well as addressing the idea of CO2 monitoring to check airflow effectiveness. An updated Building Readiness Checklist for Building Coordinators will also be linked on this page.

Christine Kang of UAW 4121 reported that this is her last meeting, and the union is identifying another representative. She was thanked for her service.

## 8. Ex-Officio Reports

**UW Facilities:** Tracey Mosier had no updates.

**Emergency Management:** Steve Charvat warned of a hot, dry, smoky summer. Sound Transit will run emergency drills in September to prepare for opening the light rail to Northgate in October.

**UWPD:** Lt. Chris Jaross had no additional updates.

**DEOHS:** Rick Gleason reported that the Puget Sound Clean Air Agency provided information on how to make your own air filter for removing smoke particles when air quality concerns occur during wildfire smoke season. The [DIY air filter fan](#) is made from a 20" box fan and a MERV-13 filter. It is a quick, cheap, and easy way to address indoor air quality. Steve Charvat suggested you should get your box fan and MERV-13 filters now, before demand affects supply.

**AGO:** Nancy Gwin had no updates.

**Claim Services:** Ken Nielsen reminded us to come back to work safely.

**UW Tacoma:** Susan Wagshul-Golden was not present.

**UW Bothell:** Allyson Long had nothing additional.

## 9. EH&S Updates: L&I

Erin McKeown reported that the Harborview Boren Parking Garage COVID-19 testing site was setup on an incline, which created ergonomic challenges in addition to the noise and exhaust, but that HMC is correcting the situation by moving the testing site to a new location. Erin indicated she had no other L&I updates.

### EH&S Updates: General



Erin reported that the core Accident Prevention Plan (APP) update will be done in a few weeks. It will include a link to the new Supplemental Accident Prevention Plan (SAPP) Template, which each department or group will customize to indicate their additional hazards and how those are mitigated. SAPPs replace departmental Health & Safety Plans and address the policies and procedures to manage hazards not addressed in the core APP.

Sonia advised that it is time to start the HSC election process for the 2022-2023 term. She noted the Health and Safety Committee Election Guide linked at the bottom of the [Health and Safety Committees page](#), and the recommended timeline on the last page of the guide. The first election task on the timeline is “Choose an Election Coordinator” in the first three weeks of July, and notify Sonia of the name of your HSC election coordinator. She also said that if anyone has questions about the election process, she is happy to help. She also offered to share her Catalyst Survey template to election coordinators for nominations and elections.

Denise reported that evacuation drills and Fire Life Safety Surveys start this summer, addressing the larger buildings before mid-September. Departments should ensure Evacuation Directors update Fire Safety and Evacuation Plans (FSEPs) before their drill. It is a good idea to identify a deeper bench of Evacuation Wardens since more people may be working from home.

## 10. COVID-19 Update

As Katia Harb was delayed in a prior commitment, Denise Bender gave the COVID-19 update. COVID-19 cases continue to decrease, with only three UW cases in isolation. The Husky Coronavirus Testing (HCT) program has detected 0% positivity in 17 days. 56% of age 16+ Washingtonians are fully vaccinated and 64% have initiated vaccination. UW's contact tracing program hours have reduced as staffing has been reduced, and HCT will close the Odegaard site and reduce summer hours.

The state is expected to fully reopen on June 30<sup>th</sup> or when at least 70% of our 16+ population initiates vaccination. King County plans to end the indoor mask directive when it meets the same metric but for full vaccination. L&I allows employers to relax mask and distancing requirements for fully vaccinated employees if the employer is tracking vaccination status. UW announced its employee COVID-19 vaccination requirement, to be tracked in Workday by the first week of July. An updated UW face covering policy should be released by June 30<sup>th</sup>.

Steve Charvat announced a Governor's press conference was to occur in an hour, in which the Governor was expected to describe the reopening process. Only events with more than ten thousand attendees would have a limited occupancy of 75% unless all attendees were vaccinated.

## 11. Good of the Order

Carmen reported that in response to Tamara's April suggestion that the U-wide address Diversity, Equity, and Inclusion (DEI), U-wide leadership is exploring some options regarding DEI or JEDI (another acronym that adds “Justice”). The leadership suggested we update our language in the Election Guide, charters, and the HSC website; They are also searching for a trainer to provide a



15–20-minute presentation at the U-wide. Carmen asked anyone with training suggestions to contact U-Wide leadership. Denise asked if anyone had seen DEI language added to other institutional committee charters. Carmen will ask the Information School's new DEI Dean about training.

Erick Rostad asked whether COVID-19 vaccination is required for those who have had COVID-19. Katia said yes. Vaccination is still required because natural immunity doesn't last as long.

## **12. Adjourn**

U-Wide Chair Carmen Parisi adjourned the meeting early at 2:12 pm.

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

**July 14, 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	Denise Bender	Presentation	15 min
Seasonal Heat and Wildfire Smoke	Brandon Kemperman, EH&S	Presentation	15 min
HSC Elections	Sonia Honeydew, EH&S	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.**