

Agenda – May 25th, 2022
Group 9 (College of Engineering) Health and Safety Committee

1. Attending

Derrick Van Kirk or Niyousha Rahimi, AA
Colleen Irvin or Robbie Wong, BioE
Rachel Strickman or Ted Hanson, CEE
Michael Pomfret, CEI
Kameron Harmon or Benjamin Rutz, ChemE
Michael Glidden, CoE DO
Alexander Lefort or Selest Nashef, CSE
Tai Chen, ECE

Sonia Honeydew or Erin McKeown, EH&S
Sarah Coppola or Stacia Green, HCDE
Sheila Prusa or Kelly Foong, ISE
Bill Kuykendall, ME
John Young or M. Weaver, MoIES/NanoES
Tatyana Galenko or Hanson Fong, MSE
N. Shane Patrick or Maria Huffman, WNF

2. Previous Meeting Minutes

- April 2022 – 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 @ Wilcox Hall (#2021-12-002) – Spill of bovine blood.
- MSE @ Mueller Hall (#2022-03-015) – While cleaning a cast aluminum part, student poked (cut) their finger with a tool.
- CoE @ McMahon Hall (#2022-03-026) – SARP team (registered student organization, RSO) stored unapproved combustible materials without notification and manufactured rocket fuel candy in prohibited locations.
- CoE Deans Office @ McCarty Hall (#2022-03-036) – Student employee paused, but did not lock, embroidery machine and when the machine moved needle it pierced employee's finger.
- ChemE @ Benson Hall (#2022-04-028) – While injecting rats, student poked their finger with a sterile needle.
- WNF @ Fluke Hall (#2022-04-040) – Solvent sprayed around drain pan as employee cleared clogged line from hood to container.
- Collaboration Core – RTT Managers (#2022-059) – While working in glovebox, employee trying to draw anhydrous hexane from sureseal bottle stabbed their finger with syringe.
- ChemE @ Benson Hall (#2022-04-070) – Employee cut left wrist while lifting vacuum pump to replace oil.
- ChemE @ Benson Hall (#2022-04-072) – Employee was scruffing rat for euthanasia when rat bit finger.
- CEE @ More Hall (#2022-04-076) – Student spilled 10 mL of 1mM 2,2,2-trichloroethanol in hood.

Secondary Review:

- Shop 43 @ More Hall (#2022-04-028) – Facilities member tripped on cord in lab and hit elbow.

4. Group Business

- Discussion with Dan Ratner on OARS report #2022-03-026.
- Review of the Group 9 Charter Rules of Order and Procedures Addendum.
- Discuss University COVID-19 Prevention Report Card.
- Potential speakers for June meeting: Invite Sarah Coppola to speak on her experience with Occupational Health? Any particular topics of interest?

5. UW-Wide Meeting

- April meeting minutes attached.
- May agenda attached. Meeting highlights will be presented by Alex Lefort:
 - COVID-19 Updates:
 - Large increase in cases at the UW. Positivity in testing is a bit over 5%.
 - The majority of UW cases report mild symptoms.
 - UW now strongly recommends indoor masking.
 - EH&S is working on a testing program and strategy for next academic year.
 - Households are able to get two antigen test kits per month through state programs. There are further programs, such as federal, that would allow up to eight tests per month per household.
 - Reminder: Please use the COVID-19 Public Health Requirements and Guidance flowchart if you ever suspect you have symptoms of COVID-19 or have come into contact with someone with COVID-19.
 - A representative of the Re-entry Assessment Team (RAT) gave a presentation on building re-entry after major catastrophes:
 - After the Snoqualmie quake, PEAT was started to check buildings for chemical hazards after structural integrity has been confirmed.
 - RAT was also designed and also included research animal care after these events.
 - Slides available upon request for more information.
 - EH&S Updates:
 - L&I investigation with Harborview with respect to respirator selection.
 - Lock-Out, Tag-Out manual revision has been completed. Ask Denise Binder for a copy of the manual for review.
 - Good of the Order:
 - It was recommended to bring in a speaker on mental health and resilience support from the Resilience Lab next meeting.
 - Resilience Lab and Care Link are important resources for mental health on campus.

6. Member Updates

Next Meeting: June 29th, at 1:30 PM, via Zoom

DRAFT Meeting Minutes

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

Meeting Date: April 27th, 2022 (via Zoom)

Attended

Derrick Van Kirk, AA
Colleen Irvin, BioE
Robbie Wong, BioE
Rachel Strickman, CEE
Kristine Parra, CEI
Kameron Harmon, ChemE
Alexander Lefort, CSE
Tai Chen, ECE

Sonia Honeydew, EH&S
Sarah Coppola, HCDE
Sheila Prusa, ISE
Bill Kuykendall, ME
John Young, MoIES/NanoES
Hanson Fong, MSE
N. Shane Patrick, WNF

Absent

Previous Meeting Minutes

- March 2022 – minutes approved with the following changes:
 - Incident report #2022-02-002 did not happen in Wilcox, but in Fluke Hall.
 - The new fire captain was shown Fluke Hall by Shane, not Bowman Building.
- 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

- ME (#2021-12-002) – Bill hasn't had the chance to connect with the lab yet. Bill will connect with them before next meeting. This report is tabled to next meeting.
- CEE (#2022-02-012) – Rachel has reached out and shared the suggestion of using self-retracting needles for the procedure, as well as the suggestion to add an encouragement to employees to receive tetanus vaccines. Rachel and Alex discussed with EH&S after last meeting about vaccine requirements and found that only animal and certain other labs may require vaccines, though any lab is able to encourage them. This report has been closed.

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- MSE (#2022-03-004) – Alex asked if forceps might work better for uncapping. Colleen stated that these aren't the greatest for uncapping, though they may be used for recapping if needed. Users shouldn't use overt force, as a rebound will put them at risk of being stabbed by the needle as happened here. Instead, a wiggling motion to remove the caps is best. Colleen noticed that there were no supervisor comments and wondered if they were aware of this incident. Sonia mentioned it seems as if the supervisor was unknown. Hanson Fong stated he was willing to take this role, as he is familiar with the lab and will add comments as necessary. This report has been closed.
- MSE (#2022-03-015) – Hanson stated he does not have much info on this incident yet. He will connect with Tatyana and report back. Colleen noted that there were missing supervisor notes on this report as well and mentioned it is a good idea to make sure that supervisors are always adding comments to ensure they have read and are aware of the incidents. Hanson Fong has volunteered to take the supervisor role for this report, as well. This report is tabled to next meeting to allow Hanson to report back on Tatyana's info.
- ECE (#2022-03-017) – The committee agreed that the proposed fixes are reasonable and solve the safety concerns. This report has been closed.
- WNF (#2022-03-021) – Methylene chloride is a particularly hazardous chemical. Shane noted that the spill happened due to the user carrying the bottle by the bag that it was in rather than the appropriate method of one hand on the bottom and one hand on the walls of the bottle. The students reacted swiftly and appropriately in evacuating the room and calling the spill in. As any of the spill was contained by secondary containment within the drains of the room, EH&S stated to let the room vent fully before anyone returns inside. Clean up happened after venting was completed. All users have been reminded of proper carrying protocol. This report has been closed.
- CoE (#2022-03-026) – Derrick was able to speak a bit on this incident. No faculty or staff knew what the RSO was doing in the space until they were found making rocket candy in a lesser used kitchen. Derrick clarified that rocket candy is a compound cooked at very low temperatures to bind multiple materials together, which can then be used to launch rockets. Dan Ratner should speak more on this, to which Sonia recommended this be our next invited speaker. Alex will contact Dan to invite him. This incident is tabled to next meeting.
- CoE Deans Office (#2022-03- 036) – No representatives from Deans Office. This report has been tabled to next meeting.

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- WNF (#2022-03-045) – The UV lamp in question is used in cross-linking various polymers. The user recognized that the cover was hotter than normal. The lamp was off when opening the case, though the fan that should generally have stayed running was not operating. Due to the extent of the melting of housing, the entire assembly is being replaced regardless, meaning the fan will be replaced as well. Alex asked if the bulb housing might have had the potential of burning the user. Shane responded that, though not the most effective, as everyone in the facility is required to be double-gloved, it's likely the user would have noticed any potential dangerous heat before it was able to get through both gloves. The issue seems to be that it was simply an older tool and the fans are not the highest quality. Because the machine is checked weekly, this was found before any potential issues. This report has been closed.
- HCDE (#2022-03-051) – Sarah stated that Facilities has cleared a portion of the moss from the area, although not where the slip occurred. She mentioned it has been less than a week since they've started, so it's possible they will be coming back to finish the rest of the job shortly. Sonia mentioned to Sarah that, if it isn't completed soon, Sarah may contact Scott Nelson to speed up the cleanup. This report is closed with the stipulation that the rest of the walking area is fully cleaned.

Group Business

- Review of the Group 9 Charter:
 - Shane suggested that a modified subset of Robert's Rules of Order should be added or linked. Sonia has one that she uses as reference for the U-Wide and we are welcome to use it.
 - Alex suggested that all acronyms should be written out in their first appearance; Some currently are not.
 - Sonia noted that HSC responsibilities no longer require individual unit accident prevention plan reviews, but do require UW-wide APP reviews. Units may review supplemental plans as they see fit.
 - Alex suggested changing Membership section's first paragraph to read:

"Membership: Group 9 comprises one elected member representing each of the ten departments . . . departments may appoint additional representatives if desired. At least one voting representative must be appointed, though the number of appointed voting representatives must never exceed the number of elected voting representatives."
 - Shane suggested moving the diversity, equity, and inclusion statement from the membership section to the general description.

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- Shane suggested that the wording regarding how the committee chooses a chair and vice chair should be made clearer in stating that both the chair and vice chair must be voting members.
 - Sonia added that at least one must be elected.
 - The group noted that it would be useful to add a glossary of terms at the beginning of the charter.
- Shane suggested that the statement on EH&S representatives should be moved from the responsibilities section to the membership section.
- Sarah Coppola asked whether the UW Accident Prevention Plan referenced in the charter needed to use the word "accident. She mentioned that people suffering from injuries do not always like the incident being referred to as an accident, as well as this phrase potentially stopping people from reporting near misses.
 - Sonia mentioned that she will bring this up with EH&S for the APP review.
 - Alex stated that Group 9's charter wording on this is determined on what EH&S ultimately decides.
- The group voted and passed enacting all suggestions listed with the exception of changes to wording of the UW APP, for which will be decided during the U-Wide review.
- Review of the UW Accident Prevention Plan:
 - The group voted to extend the meeting by ten minutes.
 - Alex noted the link to UW Tacoma Campus Safety & Security link was broken on page 7.
 - Rachel suggested that employee safety boards should be required in each building of a unit, not just one per unit.
 - Rachel asked if we should include volunteers in required building health & safety training.
 - Shane noted that it is important to distinguish between different types of volunteers.
 - Sonia will bring this up to Erin McKeown.
 - Alex asked that any further suggestions be emailed to him to forward to Sonia before end of day Thursday.
- Discuss University COVID-19 Prevention Report Card:
 - Group did not have the time to discuss during the meeting. This will be tabled to next meeting.
- Potential Speakers?
 - The group has decided that it is timely and pertinent to invite Dan Ratner to speak on behalf of the CoE incident report #2022-03-026.

UW-Wide Meeting

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- Alex asked if anyone had any questions/comments on notes from the U-Wide:
 - COVID-19 Updates:
 - Increase in cases as expected for start of spring quarter & appearance of BA.2 variant, fewer restrictions, and more travel.
 - Community level is still considered low, though may go up to medium if increases continue.
 - Majority of cases are reporting mild symptoms or less.
 - Changes to the UW COVID-19 Prevention Plan:
 - Site-specific plans now optional; the UW-wide plan covers most circumstances. EH&S may recommend site-specific for certain circumstances.
 - Face masks still required in specific locations: medical, public transit, animal facilities, etc.
 - Masks still recommended starting April 9th, down from heavily recommended for the first two weeks of the quarter.
 - With current increases, mask policies may change.
 - Still waiting for L&I to publish worker regulations requirements.
 - When talking to others about masks,
 - You can: Encourage to wear masks and remind them of the benefits.
 - You cannot: Insist/require that they wear a mask or that they leave if they are not, nor can you refuse service.
 - Vaccine requirements do not include boosters currently.
 - EH&S archived several documents that are now outdated/not required.
 - Updates based on regulatory guidelines (CDC, WA L&I, DOH, county & state)
 - COVID-19 Public Health Requirements & Guidance flow chart has been updated.
 - Seattleflu.org has a great chart on what pathogens are going around and in what levels.
 - 2021 OSHA Injuries Statistics:
 - Total number of injuries has gone up from 2020, but still lower than 2019. Percentage of recordable vs non-recordable stayed the same.
 - CoE quite low in percentage of injuries at the UW.
 - Top injury types were: sprains, strains, pulls.
 - Ergonomic injuries deep-dive:
 - Ergonomic injuries have mostly been to back and shoulders, with hands and wrist at 3rd.
 - In working to prevent these, UW has contracted with Ergo-Fit.
 - Contract started in 2018 and 76 self-assessments have been completed since with 44 high risk case reviews.
 - Accident prevention efforts:
 - Held lab safety awards promoting lab safety ingenuity.
 - New MyChem database and lab caution signs.
 - New training course on Five-Whys Root Cause Analysis

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- EH&S reminds everyone to report all incidents: Look for unsafe conditions, unsafe acts, etc., and report.
- On-time reporting (within 24 hours of incident) was below the goal of 70% of all reports.
- Near-miss reporting was below the goal of 10% of all reports.
- UW Bothell has an EH&S position open.
- EH&S has a shop safety program manager position open, as well as a fire safety position open.
- EH&S is revising their lock-out tag-out (LOTO) training and manual.

Department Updates

- CSE – Had a bike stolen on Jefferson immediately next to a building entrance during the day. This has been reported to UWPD.

Adjournment

- Adjourned at 2:40 PM.

Next Meeting

- Next meeting will be May 25th, 2022 at 1:30 PM via Zoom.



Report Number: 2021-12-002

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: GRADUATE FELLOW STIPEND W/ BENEFITS

Date Reported (mm/dd/yyyy) : 12/01/2021

Department: GRAD: Finance

Time Reported: 11:00 AM

Person Involved or Affected

Department: ENG: Mechanical Engineering

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 12/01/2021

Incident Location: WILCOX HALL

Time of Incident:

Room: 39

Other:

Yesterday we removed the contents of a malfunctioning - 80 C freezer. Among the contents were two dialyzers that were left in a crate on the floor overnight to thaw for disposal. We did not notice that their outlets were not capped. Overnight, bovine blood from the dialyzers spilled out onto the floor and nearby objects.

Incident Description: I noticed the spill around 10:15 am on the 1st of December but it likely occurred earlier. Following EHS standard operating procedure I am soaking the contaminated floor with 10% bleach for 30 minutes twice
<https://www.ehs.washington.edu/system/files/resources/spill-response-poster.pdf>

Contaminated objects will be disposed of as biohazardous, washed as lab glassware or soaked in bleach as appropriate for the object...

Supervisor

Full Name: Dayong Gao

Phone: =+1 206 543-1411

Occupation / Position:

Email: dayong@uw.edu

Department: ENG: Mechanical Engineering

Classification

Property damage only

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): Exposure to Potential Biohazardous (Infectious) Material

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

Cause of Injury/ Damage, or Potential Injury/Damage: Biohazardous Material, Infectious Agents

Slip/Trip/Fall Information

Slip: None

Trip: None

Fall From Same Level: None

Fall From Elevated Height: None

Stairs: None

Contributing Factors

Equipment: Inadequate Guards/Barriers

Environment: None

Policies / Procedures: None

Human Factors: None

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Change/review work procedures

Ensure that dialyzers are not stored uncapped or cut.

Otherwise procedures were properly followed and hazard was contained.

Supervisor's Comments

Root Causes: The Dialyzers were not sealed (capped) well before placing them into the -80C freezer.

Recommendations / Preventive Measures: Make sure that all Dialyzers must be capped well before freezing and put in a safe container during the thawing process.

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy) : 12/01/2021

Corrective Actions Complete Date (mm/dd/yyyy) : 12/01/2021

EH&S Comments

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



Report Number: 2022-03-015

Contact EH&S at 206-543-7262

Person Reporting Incident

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

Date Reported (mm/dd/yyyy) : 03/07/2022

Department: ENG: Materials Science and Engineering

Time Reported: 10:20 AM

Person Involved or Affected

Department: ENG: Materials Science and Engineering

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 03/07/2022

Incident Location: MUELLER HALL

Time of Incident: 10:15 AM

Room: 176

Other:

Incident Description: Student was trying to clean a casted aluminum part from plaster mold, poked left index finger with a tool, drew some blood.

Supervisor

Full Name: Unknown

Phone: Unknown

Occupation / Position:

Email: injury@u.washington..

Department:

Classification

Injury requiring first aid

Has Attachment(s):

Type of Incident

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

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

Cause of Injury/ Damage, or Potential Injury/Damage: 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: Rushing

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Other

Do not rush, take your time and be extra careful when dealing with sharp tool.

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

fwd: Brandon Kemperman, Brett Konzek.



Report Number: 2022-03-026

Contact EH&S at 206-543-7262

Person Reporting Incident

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

Date Reported (mm/dd/yyyy) : 03/11/2022

Department: ENG: Deans Office-Academic Affairs

Time Reported: 12:53 PM

Person Involved or Affected

Department: PROV: College of Engineering

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 10/15/2021

Incident Location: MCMAHON HALL

Time of Incident:

Room: D050A

Other: ENGR RSO SPACE

Incident Description: **NEAR MISS Report**
RSO team SARP violated 2 user agreements in McMahon hall residential facility.
1. stored unapproved materials including highly combustible, and/or potentially explosive chemicals without proper notification with EH&S and Mychem departments at UW
2. facilitated unauthorized manufacturing exercises of rocket fuel candy in McMahon Hall RSO locations which is prohibited

Actions were recently discovered on or around March 4th. It is believed that activities in question begun around Oct 15th of 2021.

Supervisor

Full Name: Kristi M Hill

Phone: =+1 206 616-5950

Occupation / Position:

Email: morgansn@uw.edu

Department: PROV: College of Engineering

Classification

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

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: Chemicals; Fire, Explosion; 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: Using Equipment Improperly; Improper Equipment

Environment: Inadequate Ventilation; Chemicals; Fire, Explosion

Policies / Procedures: Failure to Follow Procedures; Appropriate Procedures Non-existent; Inadequate Instructions, Procedures; Inadequate Planning, Preparation; Inadequate Support, Assistance

Human Factors: Inadequate Training; Failure to Follow Established Protocol/Procedures; Inattention

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Provide safety training; Undertake hazard assessment; Change work area layout / design; Change/review work procedures

Review and Audit RSO protocols and policies regarding storing and use of chemicals and other potential risks. Implement new policy and oversight protocols.

Supervisor's Comments

Root Causes: Primary root causes are lack of training and lack of adherence to stated policies and procedures by persons involved. Supervision from RSO advisor was not sufficient or aligned with EH&S best practices.

Recommendations / Preventive Measures: monitored by the A&A department chair. All team actions have been paused until appropriate locations and approvals are in place. New policies are being instituted in A&A to prevent purchasing of any chemicals without providing a corresponding SOP and an approved location for where the material will be used. The RSO has been informed of the need for correct SOPs, Lab Safety Manuals, etc and is working on updated documents. The A&A department has appropriate spaces for the work that was done in an inappropriate location, and the team will be monitored for appropriate use of spaces. We are considering a policy where all RSOs will have to apply annually to be sponsored by the department and provide supporting documents such as safety history, team advisory board, and design review outcomes.

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy) : 03/16/2022

Corrective Actions Complete Date (mm/dd/yyyy) : 03/16/2022

EH&S Comments

fwd: Brandon Kemperman, Brett Konzek; redirected Denise Bender, Erin McKeown, Scott Nelson. Scott and Denise working with Kristi.



Report Number: 2022-03-036

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: CONTINUING EDUCATION SPECIALIST 2 (E S 7)

Date Reported (mm/dd/yyyy) : 03/17/2022

Department: ENG: Deans Office-Academic Affairs

Time Reported: 12:27 PM

Person Involved or Affected

Department: ENG: Deans Office-Academic Affairs

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 02/28/2022

Incident Location: McCarty Hall

Time of Incident: 07:00 PM

Room: B47

Other:

Incident Description: XXXXXXX was working on the embroidery machine and it was tearing through the fabric they were supposed to be embroidering. XXXXXXX paused the machine and went to remove the embroidery hoop from the machine. As he reached for the hoop, the embroidery machine said "Improper needle position" and moved the needle into its original position, which was where XXXXXXX's left middle finger was. Part of the needle became lodged in XXXXXXX's finger.

Supervisor

Full Name: Deianeira L Caudle

Phone: =+1 206 543-6393

Occupation / Position:

Email: cauldld@uw.edu

Department: ENG: Deans Office-Academic Affairs

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): Cut, Laceration, Puncture, Scratch, Abrasion (Open Wound)

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

Cause of Injury/ Damage, or Potential Injury/Damage: Struck or Pinched by Moving Object

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: Sharp Objects

Policies / Procedures: Failure to Follow Procedures

Human Factors: Failure to Follow Established Protocol/Procedures; Inattention

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Other

N/A Remember to lock the machine even when paused.

Supervisor's Comments

Root Causes: The incident was caused by lack of attention paid by the student worker, XXXXXXX. He failed to follow proper procedure that is documented in the SOP and from the safety training that is given to all people in the space. Our training and the SOP direct students to never place extremities in a space where equipment may move unexpectedly, especially when the equipment in question is sharp.

Recommendations / Preventive Measures: We will add additional signage around the machine reminding users to keep all extremities clear of moving parts and highlight that area on the SOP that is posted near the machine.

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy) : 03/17/2022

Corrective Actions Complete Date (mm/dd/yyyy) : 03/17/2022

EH&S Comments

fwd: Brandon Kemperman, Brett Konzek.



Report Number: 2022-04-028

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: GRADUATE TRAINEE STIPEND (NE UAW ASE)

Date Reported (mm/dd/yyyy) : 04/11/2022

Department: SOM: DEANS: ITHS: ADMIN JM Student

Time Reported: 04:03 PM

Person Involved or Affected

Department: ENG: Chemical Engineering-Faculty

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 04/11/2022

Incident Location: BENSON HALL

Time of Incident: 03:00 PM

Room: B211

Other:

Incident Description: While injecting a rat, needle slipped and poked my finger. Needle was sterile and had not yet touched rat.

Supervisor

Full Name: Elizabeth Nance

Phone: =+1 206 543-2216

Occupation / Position:

Email: eanance@uw.edu

Department: ENG: Chemical Engineering-Faculty

Classification

Injury requiring first aid

Has Attachment(s):

Type of Incident

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

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

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

Slip/Trip/Fall Information

Slip: None

Trip: None

Fall From Same Level: None

Fall From Elevated Height: None

Stairs: None

Contributing Factors

Equipment: None

Environment: Sharp Objects

Policies / Procedures: None

Human Factors: None

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Other

Practice better grip of animal to prevent jerking around (caused needle to slip).

Supervisor's Comments

Root Causes: The animal was an adult rat and our work is primarily with neonatal rats, and after talking with the student involved, we identified that experience level was one factor in causing a slip of the needle. Adult rats are bigger and can often be more reactive or responsive to handling.

Recommendations / Preventive Measures: Given we only euthanasia adult rats once per month, we identified that additional practice with experienced personnel on euthanizing adult rats would be beneficial. We also identified alternative ways of restraining the animal such that the animal was better stabilized while being injected. Lastly, we identified alternative gloves that could be used that are thicker and therefore more resistant to scratching or needles if an unintentional slip of the needle, or the animal foot, catches the skin.

Update: we have submitted an animal protocol amendment to change the method of euthanasia to the standard CO2 method for our adult rats. This minimizes all handling and eliminates the need for injection.

Other Comments: We submitted an amendment to our animal protocol to change the method of euthanasia to eliminate the need for injections and syringes.

Corrective Actions Target Date (mm/dd/yyyy) : 04/26/2022

Corrective Actions Complete Date (mm/dd/yyyy) : 04/27/2022

EH&S Comments

fwd: Tracy Harvey, Zara Llewellyn.



Report Number: 2022-04-040

Contact EH&S at 206-543-7262

Person Reporting Incident

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

Date Reported (mm/dd/yyyy) : 04/18/2022

Department: ENG: Collaboration Core - WNF Staff

Time Reported: 08:48 AM

Person Involved or Affected

Department: ENG: Collaboration Core - WNF Staff

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 04/15/2022

Incident Location: FLUKE HALL

Time of Incident: 11:15 AM

Room:

Other:

Incident Description: A line draining a solvent mixture (routine 3569) from a hood to a container had clogged. While attempting to clear the clog, a fitting started leaking outside of the hood. I had a drain pan underneath to catch the spill, so I opened the fitting to drain it in a way that I thought would be more controlled than letting it leak. While the bulk of the liquid went into the drain pan as planned, it splashed somewhat, causing a solvent smell and a thin layer to spray around the drain pan. I cut off the amount drained and cleaned the area. Staff inside the lab and in the cubicles outside of the lab reported smelling solvent.

Supervisor

Full Name: Nicholas S Patrick

Phone: ≈+1 206 221-1045

Occupation / Position:

Email: patricns@uw.edu

Department: ENG: Collaboration Core - WNF Staff

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

Slip/Trip/Fall Information

Slip: None

Trip: None

Fall From Same Level: None

Fall From Elevated Height: None

Stairs: None

Contributing Factors

Equipment: Defective Tools, Equipment

Environment: None

Policies / Procedures: None

Human Factors: None

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Other

I fixed the leaking fitting and added an emergency container for catching leaks outside of the ventilated area, while the source can be dealt with from inside the ventilated area.

Supervisor's Comments

Root Causes: Equipment Maintenance Issue (clogged line)
Equipment Failure (fitting seal)
Containment procedure insufficient

Recommendations / Preventive Measures: Review containment procedure for maintenance work on solvent drain lines.
Review pre-maintenance checks of upstream/downstream components.
Review fitting, seal, and line materials to ensure proper materials are in use.

Other Comments: Maintenance procedures will now include checks of fittings and seals in downstream/upstream components. Materials verified to be compatible with solvent waste. Debris screen recently fitted to solvent drain to reduce clogging due to particles and debris, but clogs in almost any piping are never 100% avoidable, and clearing them can be messy. WNF's high ventilation rate cannot prevent all smells in such cases, but no symptoms or complaints were reported.

Corrective Actions Target Date (mm/dd/yyyy) : 04/19/2022

Corrective Actions Complete Date (mm/dd/yyyy) : 04/19/2022

EH&S Comments

fwd: Tracy Harvey, OHNurse, Zara Llewelyn.



Report Number: 2022-04-059

Contact EH&S at 206-543-7262

Person Reporting Incident

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

Date Reported (mm/dd/yyyy) : 04/22/2022

Department: ENG: Collaboration Core - RTT Managers

Time Reported: 11:58 AM

Person Involved or Affected

Department: ENG: Materials Science and Engineering JM Student

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 04/21/2022

Incident Location: BAGLEY HALL

Time of Incident: 02:30 PM

Room: 453

Other:

Incident Description: XXXXXXXX was trying to draw out anhydrous hexane from a suressal bottle with a 10ml syringe in a glovebox. The syringe was being stubborn and the plunger was very difficult to move. The bottle was almost running out so XXXXXXXX tilted the bottle to try to get enough solution but wasn't able to and so drew out mostly gas. She then got annoyed and reset the plunger outside the bottle to reattempt but ended up stabbing the syringe right into the base of her index finger instead. She immediately started bleeding and pulled her hand out of the glovebox, recapped all open solvents with the other hand. Transferred out the syringe, and went to seek help. XXXXXXXX-A, a postdoc in the XXXXXXXX Lab, helped her find some antiseptic and a bandaid from a first aid kit to patch it up. She did not seek medical attention.

Supervisor

Full Name: Kristine P Parra

Phone: ≈+1 206 221-3334

Occupation / Position: RESEARCH ASSISTANT

Email: kpoparra@uw.edu

Department: ENG: Collaboration Core - RTT Managers

Classification

Injury requiring first aid

Has Attachment(s):

Type of Incident

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

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

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

Slip/Trip/Fall Information

Slip: None

Trip: None

Fall From Same Level: None

Fall From Elevated Height: None

Stairs: None

Contributing Factors

Equipment: Defective Tools, Equipment; Using Equipment Improperly

Environment: Ergonomics Issues

Policies / Procedures: None

Human Factors: Inattention; Rushing

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Change/review work procedures

Use a smaller syringe with a smoother plunger in the future, and a bigger needle for large volume transfers like I was trying to do.

Supervisor's Comments

Root Causes: I was using inappropriately sized tools for the amount of volume of hexane that I was trying to transfer. I was also in a hurry because I had a following meeting to catch shortly. These factors then caused me to get annoyed at the tools and lose my calm, which led to human error.

Recommendations / Preventive Measures: Use a bigger needle for larger volume transfers in the future. Try not to overschedule tasks right before other meetings and commitments. - For user
For supervisor/lab - update procedure for needle usage to discuss appropriate needles for applications and retrain/communicate this update to all users.

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy) : 05/13/2022

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

EH&S Comments

fwd: Tracy Harvey, Zara Llewellyn.



Report Number: 2022-04-070

Contact EH&S at 206-543-7262

Person Reporting Incident

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

Date Reported (mm/dd/yyyy) : 04/26/2022

Department: ENG: Chemical Engineering- Stuve Lab JM Student

Time Reported: 02:23 PM

Person Involved or Affected

Department: ENG: Chemical Engineering- Stuve Lab JM Student

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 04/15/2022

Incident Location: BENSON HALL

Time of Incident: 11:00 AM

Room:

Other:

Incident Description: Cut my wrist while replacing pump oil

Supervisor

Full Name: Eric M Stuve

Phone: ≈+1 206 543-0156

Occupation / Position:

Email: stuve@uw.edu

Department: ENG: Chemical Engineering-Faculty

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): 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: Tools, Instruments

Slip/Trip/Fall Information

Slip: None

Trip: None

Fall From Same Level: None

Fall From Elevated Height: None

Stairs: None

Contributing Factors

Equipment: None

Environment: None

Policies / Procedures: None

Human Factors: Improper Lifting

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: 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

fwd: Denise Bender, Brandon Kemperman.



Report Number: 2022-04-072

Contact EH&S at 206-543-7262

Person Reporting Incident

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

Date Reported (mm/dd/yyyy) : 04/26/2022

Department: ENG: Chemical Engineering- Nance Lab JM Student

Time Reported: 11:59 PM

Person Involved or Affected

Department: ENG: Chemical Engineering- Nance Lab JM Student

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 04/26/2022

Incident Location: BENSON HALL

Time of Incident: 10:00 AM

Room: 211

Other:

Incident Description: An adult rat dam bit my finger during scruffing for euthanasia.

Supervisor

Full Name: Elizabeth Nance

Phone: =+1 206 543-2216

Occupation / Position:

Email: eanance@uw.edu

Department: ENG: Chemical Engineering-Faculty

Classification

Injury requiring first aid

Has Attachment(s):

Type of Incident

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

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

Cause of Injury/ Damage, or Potential Injury/Damage: Animal (Other than Primates)

Slip/Trip/Fall Information

Slip: None

Trip: None

Fall From Same Level: None

Fall From Elevated Height: None

Stairs: None

Contributing Factors

Equipment: Inadequate Guards/Barriers

Environment: Animal Action

Policies / Procedures: Inadequate Support, Assistance

Human Factors: None

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Change/review work procedures; Other

I discussed with my PI about changing the euthanasia protocol to allow for CO2 gas euthanasia for terminal sacrifices (not to be used in experiments). This will greatly reduce risk of animal bites (since adult rats can be really dangerous to scruff) as well anxiety in students.

Supervisor's Comments

Root Causes: Handling experience, variability in animal response/aggressiveness to handler

Recommendations / Preventive Measures: We have submitted an amendment to our animal protocol to change our method of euthanasia to CO2 euthanasia which minimizes handling and eliminates the need for injection. The method of euthanasia is a standard veterinary method.

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy) : 04/21/2022

Corrective Actions Complete Date (mm/dd/yyyy) : 04/27/2022

EH&S Comments



Report Number: 2022-04-076

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: RESEARCH TECHNOLOGIST SUPERVISOR (NE S SEIU 925 RT SUPV) Date Reported (mm/dd/yyyy) : 04/27/2022
Department: ENG: Civil and Environmental Engineering-Dodd Lab Time Reported: 02:28 PM

Person Involved or Affected

Department: ENG: Civil and Environmental Engineering

Incident Details

Campus: Seattle Date of Incident (mm/dd/yyyy) : 04/27/2022
Incident Location: MORE HALL Time of Incident: 01:45 PM
Room: 319
Other:

Incident Description: XXXXXXXX was working in Hood 3 in XXXXXXXX today. Shortly before 2 pm, she spilled 10 ml of 1 mM 2,2,2-trichloroethanol. None spilled on her, just on the bench liner in the hood.

Supervisor

Full Name: Michael Dodd Phone: +1 206 685-7583
Occupation / Position: Email: doddm@uw.edu
Department: ENG: Civil and Environmental Engineering

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: Chemicals

Slip/Trip/Fall Information

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

Contributing Factors

Equipment: Improper Equipment
Environment: None
Policies / Procedures: None
Human Factors: Rushing

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Change/review work procedures; Other

(1) Change/review work procedures - When using syringes for haloalkanol transfers or dosing, use gas-tight, PTFE- or polypropylene-piston/plunger syringes instead of all-glass syringes. Due to the design of all-glass syringes, the glass piston/plunger is at risk of falling out of the barrel if the syringe is held vertically with the nozzle/needle up and plunger/piston facing downward (especially if the syringe contains liquid). This should not happen with PTFE- or polypropylene-plunger/piston syringes due to greater friction between the piston/plunger and barrel.
(2) Change/review work procedures - Instead of using syringes to contain haloalkanol (and other probe compound) stock solutions.

Supervisor's Comments

Primary causes/contributors to spill were (a) rushing to make an appointment in another building, not leaving a sufficiently large time buffer between experiments and subsequent appointments, and (b) use of an all-glass syringe for stock solution handling, where use of all-glass syringes creates a risk of the syringe plunger/piston dropping out of the rear of the syringe if the syringe is held vertically, and (c) use of a syringe to store and transfer haloalkanol stock solutions (irrespective of syringe material).

Recommendations / Preventive Measures: XXXXXXXX was encouraged to (a) always leave twice as much time as anticipated will be necessary between experiments and subsequent appointments to minimize the possibility of running into time crunches toward the end of an experiment, (b) cancel an appointment if needed to ensure safe completion of experimental work (with emphasis on prioritizing safety over need to make an appointment), (c) not work with all-glass syringes when handling hazardous chemicals (or in general) and to instead use syringes with either PTFE- or polypropylene plungers, and (d) to replace use of syringes with sealed autosampler vials whenever possible for storage and handling of haloalkanol stocks.

Other Comments: XXXXXXXX and XXXXXXXX-A both did an outstanding job in responding to and handling this situation once it had occurred, thanks to their thorough preparation and hazard assessment.

Corrective Actions Target Date (mm/dd/yyyy) : 05/06/2022 Corrective Actions Complete Date (mm/dd/yyyy) : 05/06/2022

EH&S Comments

fwd: Tracy Harvey, Judy Cashman, Zara Llewellyn.



Report Number: 2022-04-048

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: PLUMBER/PIPE/STEAMFITTER LEAD

Date Reported (mm/dd/yyyy) : 04/18/2022

Department: UWF: CEU&O: Fire Sprinkler 43

Time Reported: 09:53 AM

Person Involved or Affected

Department: UWF: CEU&O: Fire Sprinkler 43

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 04/18/2022

Incident Location: MORE HALL

Time of Incident: 07:45 AM

Room: Structures Lab

Other:

Incident Description: XXXXXXXX was walking through the lab and tripped on a power cord and hit his elbow. We finished the job and he later said his elbow was hurting and started swell and was sore to the touch

Supervisor

Full Name: Russell Baker

Phone: #ERROR!

Occupation / Position:

Email: rbaker03@uw.edu

Department: UWF: CEU&O: Fire Sprinkler 43

Classification

Injury requiring first aid

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): Pain, Irritation, Inflammation, Swelling

Body Parts Affected (none, if no injury/exposure): Elbows; Legs

Cause of Injury/ Damage, or Potential Injury/Damage: Fall of Less than 6', or on Stairs

Slip/Trip/Fall Information

Slip: None

Trip: Cord or Tubing; Lack of space or restricted pathway

Fall From Same Level: While walking; Lack of space or restricted pathway

Fall From Elevated Height: None

Stairs: None

Contributing Factors

Equipment: None

Environment: Poor Housekeeping

Policies / Procedures: None

Human Factors: None

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Undertake hazard assessment; Submit request for maintenance/repair

None

Supervisor's Comments

Root Causes: There is a lack of lighting and lack of movement in the storage area in the structures lab. There is slip, trip and fall hazards basically everywhere in this location.

Recommendations / Preventive Measures: I would recommend better house keeping, organize storage areas and keep pathways clear of any cords.

Other Comments: Spoke with XXXXXXXX about paying for attention to his surroundings. Had him ice his elbow and he said it was fine.

Corrective Actions Target Date (mm/dd/yyyy) : 04/19/2022

Corrective Actions Complete Date (mm/dd/yyyy) : 04/19/2022

EH&S Comments

fwd: Scott Nelson, Brandon Kemperman, Anne Donegan, Tracey Mosier.

SDN: As we discussed, when I heard it was an issue in the More Hall Structures Lab, I knew the issues regarding the slip and fall were due to the need for better housekeeping in the area. I have noted this for the lab since I did my first walkthrough the space back in May of 2017. They have improved and there is still room to improve even more.

U-WIDE HEALTH AND SAFETY COMMITTEE

4/13/2022 Meeting Minutes | 1:00 p.m. – 2:30 p.m. |

Elected Member*		Appointed Member*		Proxy*
<input checked="" type="checkbox"/>	Ryan Hawkinson (1)	<input checked="" type="checkbox"/>	Kurt Oglesby (3)	<input type="checkbox"/> Sulgi Lotze (1)
<input checked="" type="checkbox"/>	Carmen Parisi, Chair (1)	<input checked="" type="checkbox"/>	David Manley (5)	<input checked="" type="checkbox"/> Brett Magnuson (2)
<input type="checkbox"/>	Nigel Horton (2)	<input type="checkbox"/>	Kris Harrell (7)	<input type="checkbox"/> Colleen Irvin (9)
<input checked="" type="checkbox"/>	Norm Kwasinski (2)	<input checked="" type="checkbox"/>	David Zuckerman (10)	<input checked="" type="checkbox"/> Andrea Chateaubriand (10)
<input checked="" type="checkbox"/>	Tony Colinares (3)			
<input type="checkbox"/>	Christine Aker (4)			
<input type="checkbox"/>	Mary Ann Valentine (4)			Labor Union Member*
<input checked="" type="checkbox"/>	Ansley Roman (5)			<input type="checkbox"/> Paula Lukaszczek, WFSE 1488
<input checked="" type="checkbox"/>	Sarah O'Hara (6)			<input checked="" type="checkbox"/> Ann Aumann, SEIU 925
<input type="checkbox"/>	Laura Harrington (6)			<input checked="" type="checkbox"/> Antonio Vasquez, UAW 4121
<input checked="" type="checkbox"/>	Alaron Lewis (7)			
<input checked="" type="checkbox"/>	Hannah Wilson (8)			Senate Member*
<input type="checkbox"/>	Michelle Miller (8)			<input type="checkbox"/> Faculty Senate – TBD
<input checked="" type="checkbox"/>	Alexander Lefort (9)			<input checked="" type="checkbox"/> GPSS – Gabby Rivera
<input checked="" type="checkbox"/>	Sarah Coppola (9)			
<input checked="" type="checkbox"/>	David Warren (10)			
		<input checked="" type="checkbox"/> = attended meeting * = voting members 13 = voting members for quorum		
Ex-Officio Member		Ex-Officio Member		Env. Health & Safety Member
<input checked="" type="checkbox"/>	Tracey Mosier, UWF	<input type="checkbox"/>	Rick Gleason, DEOHS	<input type="checkbox"/> Katia Harb
<input checked="" type="checkbox"/>	Chris Pennington, UWF	<input checked="" type="checkbox"/>	Felicia Foster, AGO	<input checked="" type="checkbox"/> Denise Bender
<input checked="" type="checkbox"/>	Steve Charvat, UWEM	<input 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 type="checkbox"/> Sonia Honeydew
<input checked="" type="checkbox"/>	Lt. Chris Jaross, UWPD	<input checked="" type="checkbox"/>	Susan Wagshul-Golden, UWT	<input checked="" type="checkbox"/> Lorilyn A. H. Ignao
		<input type="checkbox"/>	Allyson Long, UWB	<input checked="" type="checkbox"/> Tracy Harvey
				<input type="checkbox"/> Jenna Gravley
Guest				
<input checked="" type="checkbox"/>	Steve Berard, HSAS&F			

Agenda

1. Attendance/Quorum

Erin McKeown confirmed attendance met quorum.

2. Call to Order and Welcome

Carmen Parisi opened up with a land and water acknowledgement, then expressed rules of the meeting and voting procedures.

3. Approval of Meeting Minutes

Carmen led a discussion to edit and approve the March 2022 meeting minutes. Edits pertaining to the BARC training were made and David Zuckerberg was marked as having attended the last meeting. Carmen asked if there were any other changes to the meeting minutes before she called for a motion to accept. Ansley Marie motioned to accept. Kurt Oglesby seconded. Motion passed and March meeting minutes were approved.

4. COVID-19 Update

Denise Bender presented Katia Harb's [April 2022 COVID-19 UWide Update](#). Within the UW community, 399 members tested positive, which calculates to a 4.7% positivity rate. Within King County, community levels remain low. The levels may rise to moderate if cases begin to rise. As expected, spring quarter saw an increase in cases, and BA2 subvariant has been spreading. UW community has generally reported mild symptoms. UW has adopted a singular COVID prevention plan. Site specific prevention plans are optional. Vaccination requirements remain in place. UW reminds everyone to maintain good hygiene by cleaning community and personal areas, and continue to use PPE.

In order to minimize risks, decision makers are conducting risk assessments. UW Medicine will continue to follow public health guidance and policies. Face coverings are still required in healthcare centers, shuttles, and are also required when returning to campus with symptoms and/or contact with infected persons. Face coverings are still recommended indoors as of April 9th. With recent infection rate increase, changes in face covering policies may be expected. Face coverings continue to be highly recommended for immunocompromised individuals and other high-risk groups.

UW is waiting for L&I to update worker protection guidance. Policy updates will be aligned with King and Pierce counties. Within the workplace, individuals are able to remind and recommend different protective measures but cannot require people to follow them. The vaccination policy is still in place for personnel and students, but visitors are not required to be vaccinated. Boosters are strongly recommended for those who are eligible. Fully vaccinated criteria do not include boosters. Unvaccinated employees and students must have an approved exemption.

The protective measures for eating/drinking areas and meeting spaces were archived, though it is still recommended to spend as little time in those spaces as possible. The COVID-19 Safety Training was updated as of April 6. Regulatory and public health guidance labels King County now at low risk. Contract tracing is still occurring. Washington L&I is making broad changes to workplace COVID protection requirements. Employer vaccine requirements are beginning to be relaxed. It is highly recommended to review the COVID-19 Public Health Requirements and Guidance flowchart.

SeattleFlu.org is a resource available to see what is spiking during certain time periods. Sarah Coppola had questions about a student returning back to campus after 5 days quarantine and retesting positive for COVID-19 again. Sarah Coppola asked if we are assuming that individuals are no longer contagious after they no longer have symptoms and it's been 5 days of quarantine? Denise confirmed the studies show they are no longer contagious but will need to wear a well-fitted mask in public spaces. Denise said they are required to remain in isolation if they are still showing symptoms.

Members mentioned that President Biden extended masking on public transportation for two more weeks.

5. 2021 OSHA Data Summary

Erin McKeown presented [2021 Injury data](#). The metrics focused on recordable cases where injuries occurred at work or were work-related and required treatment beyond simple first aid required, or where the injury led to a person needing to take time away from work, or work with accommodations, a death, an illness or disease outcome from work (e.g. hearing loss, COVID-19). Erin mentioned sharps and bloodborne pathogen exposures are also recordable injuries.

All recordable injuries are summarized in the OSHA 300A summary sheet. The OSHA 300A summarizes the total number of cases, how many days away or job restricted days, numbers of employees, and total employee hours at work. This data is used to create incidence rates. The University's incidence rates fall below university and colleges nationwide, not including the UW hospitals.

Erin showed incidence rates for the hospitals compared to medical and surgical hospitals nationwide. Harborview Medical Center was above the average, UWMC Montlake was below average, and UWMC Northwest Hospital was out of range. All of the medical centers have seen spikes in recordables because of the pandemic. Sarah Coppola asked if the hospitals were different in case counts because of differences in their access or use of patient lifts. Erin indicated she would get back to Sarah with a response after speaking with employee health representatives at each of the hospitals.

At the UW (not including the medical center, we saw a total of 770 incidents in 2021. Over the past three years, there has been a steady ratio between recordable and non-recordable injury incidents. In 2021 16% of recordable injuries were severe enough to result in days away from work. Risk Services emphasizes a quick and safe return of employees to the workplace and offers

employers financial incentives to do so. Most of the OARS reports received were injuries, though some were property damage, near miss, and fires. Erin highlighted three severe incidents: a leg laceration while moving a countertop, an electrical shocks and a J-Wing lab intruder.

Erin reminded members that they can access these metrics via their OARS Dashboards in Tableau. Erin mentioned that HSC-2 had most recordable injuries, followed by HSC-4, then HSC-1.

Top causes for recordable injuries were: ergonomics, needles/medical sharps, and slip/trip/fall incidents.

Erin talked about EH&S efforts to reduce office ergonomic injuries. EH&S hired ErgoFit to assist. ErgoFit offers ComfortZone, an online self-assessment software tool. The tool is used to teach methods to reduce ergonomic injuries, but also distinguishes high risk cases and guides EH&S and the vendor to conduct in-person evaluations as needed. Sarah C. asked if the ergonomic cases were acute or cumulative trauma, and Denise estimated that we were seeing 75% acute cases and 25% cumulative trauma cases. Denise estimated we see a ratio of 75/25 for forceful movements/repetitive motions and compounding movements in relation to ergonomics issues. Erin mentioned an interesting trend in ergonomic injuries related to working around or managing animal cages.

Erin mention other EH&S prevention efforts to promote safety that included updates to information of COVID-19 Safety, a Lab Safety Awards and Innovation event, MyChem upgrade, and a new training course called "Five Whys Root Cause Analysis".

Erin emphasized the need to report all incidents, unsafe conditions, unsafe acts, near misses, and injuries to promote a good safety culture at the UW. She said our on-time reporting and near miss reporting remain below our goals.

6. Organizational Group Reports

Carmen requested group reports. She also asked for recommendations on guest speakers at future U-Wide meetings.

HSC-1

Ryan Hawkinson mentioned that Lt. Chris Jaross spoke at his last committee meeting about the jurisdictional differences between Seattle Police and UW Police. Various departments have voiced concerns and frustrations with jurisdictional boundaries. Ryan also thanked Erin McKeown for reviewing the HSC-1 specific metrics at their last meeting.

HSC-2

Norman Kwasinski, nothing to report.

HSC-3

Kurt Oglesby, nothing to report.

HSC-4

Steve Berard, on behalf of Christine Aker, nothing to report.

HSC-5

David Manley, new chair for HSC-5. Meeting discussed injury data from various hospitals and they are anticipating a presentation at the end of the month for preventing workplace violence. COVID-19 remains to be a high priority as well as how to best take care of healthcare workers.

HSC-6

Sarah O'Hara, nothing to report.

HSC-7

Alaron Lewis, nothing to report from committee, though looking to hire a new employee.

HSC-8

Hannah Wilson, nothing to report. Asked for the best point of contact for setting up a new Maker Space. Denise said she or Brett Konzek can help.

HSC-9

Alex Lefort, Emergency Management presented on earthquake safety. He said there continues to be frustrations voiced from various groups over the inability to have site specific masking mandates. He said groups have been feeling that they take on extra burdens to place extra preventative steps.

HSC-10

David Warren, nothing to report.

7. Union & Senate Reports

GPSS

Gabby Rivera, absent.

WFSE 1488

Paula Lukaszek, absent.

SEIU 925

Ann Aumann, nothing to report.

UAW 4121

Antonio Vasquez, nothing to report.

8. Ex Officio Reports

UW Facilities

Chris Pennington, nothing to report.

UWPD

Lt. Chris Jaross, hired interim deputy chief with a 1-year contract until a new chief is hired. Process has been ongoing and the University has hired a firm to actively recruit. Department is hopeful to have a new full-time chief hired within the year.

Emergency Management

Steve Charvat, technical issues with buildings using emergency alert reader boards identified and being fixed. System is rarely used.

DEOHS

Rick Gleason, absent.

AGO

Nancy Gwin, nothing to report.

Claim Services

Ken Nielsen reminded us that supervisors should not make comments in OARS reports that accept liability for injury or illnesses. Workers' compensation is no-fault insurance. Condition is assertion of liability. Reports need to only give the facts of what occurred and let doctors diagnose conditions. Supervisors should identify root causes.

Transportation Services

Absent.

UW Tacoma

Susan Wagshul-Golden, nothing to report.

UW Bothell

Absent.

Faculty Senate

Absent.

9. EH&S Updates

L&I

Erin offered updates. A hearing regarding Harborview's COVID-19 outbreak has been rescheduled. LNI investigation at the UWMC Roosevelt Clinic regarding social distancing concerns remains open.

General

Denise offered staffing and policy updates. Natalie Daranyi accepted a position in Cleveland, OH. A position for a new physical safety lead has been posted. Diego Oliver accepted a new position and his position has also been posted. Two lab safety inspector positions are open. EH&S has been working to manage resource challenges. The Lockout/Tagout Manual and training are being updated.

Sarah asked what is the threshold at which the University will shift policies and how will that be communicated? Will faculty be included in these conversations? Denise explained that county and state health departments, L&I, and CDC guidance are all being considered to create requirements and recommendations for campus policies. She said that collective group has considered guidance and work together to determine policies. Some areas have been more conservative, and no criteria has been set as to what will trigger change. Currently, efforts are being made to align with public health departments and work with infectious diseases experts. Numbers are being monitored and there will be a change if the county shifts to moderate community levels, though face coverings are not required until high-risk community levels. Sarah C. expressed our duty to the community to not create a hospital crisis, emphasizing how to be stewards in the community. Consider how members of our University community spread out to the Greater Seattle Area. Denise asked at what rate students are wearing face coverings in the classroom? Sarah responded that around 90%, though likely due to a high-risk classroom population. Alex Lefort said about 90% of engineering students are also wearing facemasks in the classroom.

Good of the Order

Carmen said she had volunteered during the first week of April at the 2022 Partners in Emergency Preparedness (PIEP) conference at the Lynnwood Conference Center. Conference was an opportunity to share with partners in emergency preparedness. Members of the committee are able to support and help by attending next year's conference. Expertise can be used in a volunteer capacity. Carmen thought it was an excellent conference and an opportunity for those interested.

10. Adjourn

Carmen asked for any motions to adjourn meeting. Sarah O'Hara motioned to adjourn. Alex Lefort seconded.

Meeting adjourned 2:17pm

DRAFT

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

May 11, 2022

1:00 p.m. – 2:30 p.m.

Zoom (screen required)

Zoom phone shortcuts to mute self *6, and raise hand *9

Agenda Item	Lead	Process	Time
Attendance/Quorum (13)	Sonia Honeydew	Verify quorum per Zoom gallery count	3 min
Call to Order and Welcome	Carmen Parisi	Robert's Rules of Order	2 min
Approval of Meeting Minutes	Carmen Parisi	Discussion	5 min
COVID-19 Update	Katia Harb, EH&S	Presentation	10 min
Pre-Entry Assessment Team (PEAT)	Matt Moeller & Doug Gallucci, EH&S	Presentation	15 min
Organizational Group Reports*	Committee members	Discussion	15 min
Union & Senate Reports	Union & Senate members	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 comprise only novel topics covered at their most recent meeting.

Please send ideas for agenda items to Carmen Parisi and Christine Aker at least 2 weeks prior to the scheduled meeting.