

Agenda – June 22nd, 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
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

- May 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>.
- MSE @ Mueller Hall (#2022-03-015) – While cleaning a cast aluminum part, student poked (cut) their finger with a tool.
- ChemE @ Benson Hall (#2022-04-028) – While injecting rats, student poked their finger with a sterile needle.
- Collaboration Core – RTT Managers (#2022-059) – While working in glovebox, employee trying to draw anhydrous hexane from suresal 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.
- Grad Finance @ Allen Center (2022-05-010) – Employee tested COVID positive; potential workplace transmission.
- AA @ Guggenheim Hall (2022-05-016) – Student was holding a heavy aluminum slab during assembly when it slipped and fell, bruising and cutting their finger.
- Collab. Core @ MoE Building (2022-05-022) Small spill of working 5% UA stain in hood, cleaned and disposed without exposure.
- CSE @ Gates Center (2022-05-037) – Grad students exposed to gas smell in office, likely freon from small fridge.
- CSE @ Gates Center (2022-05-057) – Someone kicked open door suddenly, nearly missing employee in stairwell.
- WNF @ Fluke Hall (2022-05-067) – Employee noticed lead contamination within inert atmosphere glovebox.
- ME @ Wilcox Hall (2022-05-070) – Student employee found a spill from a newly received box of dialysate concentrate, then cleaned and disposed of spill waste.

Secondary Review:

- Shop 43 @ More Hall (#2022-04-048) – Facilities member tripped on cord in lab and hit elbow.

4. Group Business

- Notice of repeat trespasser and minor theft.

- Rachel will be stepping down as the vice chair as she is leaving CEE after her completed project. We will need to vote for a new vice chair. (Thank you for all your help, Rachel!)
- Potential speakers for July 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:
 - The University seems to be seeing the peaking of cases; trends are now starting downward.
 - The University has a 7.5% positivity rate in the last seven days.
 - The community level is currently still in medium.
 - The increased rates are likely due to the increase in more large-scale events, more people out and about, etc.
 - The majority of UW cases continue to see only mild symptoms.
 - The UW Club testing location will close in June. Future testing will primarily change to pick-up/drop-off locations for PCR tests.
 - These will be supplemented by antigen tests available to UW employees. Antigen kits are separate from the Seattle Flu study.
 - Recommendations for most effective antigen testing is to test soon before you gather for social events and three to five days after events as well.
 - For further guidance, see the EH&S testing website for when to test and how to choose between a PCR and antigen test. The site has recently been updated with the most relevant information:
<https://www.ehs.washington.edu/covid-19-prevention-and-response/covid-19-tests>
 - The EH&S COVID-19 Response and Prevention Team has been approved for another year.
 - Supplemental portable air filter units will be maintained through the next academic year as well; A study done by EH&S found that these were useful in supplementing air changes in classrooms.
 - EH&S would like to remind everyone to use the COVID-19 Public Health Requirements and Guidance Flowchart if you believe you have or have been exposed to COVID-19:
<https://www.ehs.washington.edu/system/files/resources/COVID-19-public-health-flowchart.pdf>
 - All test kits handed out by the UW are effective at detecting the new variants (including BA2) as well.
 - Sally Clark of Campus Safety gave a presentation on the Re-imagining Campus Safety project:
 - The webpage for the project is now live:
<https://www.washington.edu/president/reimagining-safety/>
 - Monthly updates posted; Has a comment box for suggestions, comments.
 - A new division of Campus Safety will be live tentatively this September: The first division will be made up of UWPD, SafeCampus, and UWEM, including several new teams.
 - A new Office of Alternative Interventions & Safety Standards.

- Division will be overseen by an advisory committee with faculty, staff, and students. The exact composition has yet to be set.
- For questions or more information, contact Sally Clark: salclark@uw.edu.
- Updates from groups:
 - Clark Hall had a shattered window from a thrown brick which imbedded itself in the sheetrock of the opposite wall.
 - Continuous issues with human waste and drug paraphernalia in stairwells near By-George Café.
 - The Inclement Weather Advisory Committee will be meeting this month to work on adding two new categories of inclement weather: Excessive heat and wildfire smoke events.
 - UWPD: Several supervisors have retired and officers are quite understaffed. Filling these positions has been difficult.
 - Transportation Services: Funded a Transportation Safety Officer; primarily will focus around the dorms areas and resident parking locations.
 - Transportation Services is also working on making stairwells from the parking garages one-way exits to reduce security issues.
 - HR: Following up on the previous meeting discussions around mental health support: HR also has a website on mental health: <https://hr.uw.edu/policies/mental-health-supports/>, and also encourages people to also check out UW Care Link's site: <https://hr.uw.edu/benefits/uw-carelink/>
 - HR also noted that Jessica Cole, one of the leads for these services noted that critique of these services is always welcomed and important; Contact Jessica for more information and discussions: jcrc626@uw.edu.
 - EH&S: The UW Lead Safety manual has been updated with several large changes. See the related EH&S page for more details.
- Good of the Order:
 - It was noted that EH&S has been in contact with the Resilience Lab and is working on bringing in a speaker for an incoming meeting.

6. Member Updates

Next Meeting: July 27th, at 1:30 PM, via Zoom

DRAFT Meeting Minutes

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

Meeting Date: May 25th, 2022 (via Zoom)

Attended

*Derrick Van Kirk, AA
Colleen Irvin, BioE
Robbie Wong, BioE
Rachel Strickman, CEE
Michael Pomfret, CEI
Kristine Parra, CEI
Benjamin Rutz, ChemE
Michael Glidden, CoE Deans Office*

*Alexander Lefort, CSE
Tai Chen, ECE
Sonia Honeydew, EH&S
Sarah Coppola, HCDE
Sheila Prusa, ISE
Bill Kuykendall, ME
John Young, MoES/NanoES
N. Shane Patrick, WNF*

Absent

Hanson Fong, MSE

Previous Meeting Minutes

- March 2022 – minutes approved as is.
- Previous meeting minutes are at: <https://www.engr.washington.edu/mycoe/safety#>.
EH&S recommends each department/group post paper copies on their safety board and inform employees of the name of their rep.

Incident Reports

- ME (#2021-12-002) – Bill spoke to PI and lab; No other recommendations for correction. This report has been closed.
- MSE (#2022-03-015) – No MSE representative present. Tabled to next meeting.

DRAFT Meeting Minutes

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

- CoE Deans Office (#2022-03-026) – After Dan Ratner's discussion, Bill noted that it is an ongoing issue as to how to reign these engineering-based RSOs in. They have good intentions, but conduct inherently dangerous activities. He also mentioned that it is continuously tough to get appropriate oversight and communication from faculty advisors and agrees with Dan's more rigid structuring plan. The group brought up questions on why the College of Engineering doesn't control the makerspaces or at least partially even though they are paid for partially by CoE. Our next talk with Dan Ratner will be based around two questions: Is it the spaces or the faculty who should be responsible for the activities that occur within the spaces; and how do makerspaces host RSOs? Further notes on this incident may be found in "Group Business: Discussion with Dan Ratner" below. This incident has been closed.
- CoE Deans Office (#2022-03-036) – The makerspace in which this happened is directly managed by Dan Ratner's team and could have been spoken on by him, but he had left by this time. Michael Glidden asked Derrick Van Kirk if he could talk on the proposed solutions a bit further in this incident with his historical experience working as one of the MILL managers. Derrick elaborated that the spaces still submit OARS reports as usual when incidents occur and that EH&S does walkthroughs annually in fall to ensure they are meeting EH&S guidelines. There is a real-estate issue for why the College of Engineering is not able to fully control the space, as had been asked by Sarah earlier. In general, Derrick thinks the report was filed as needed and the response was appropriate. Michael Glidden asked if the EH&S committee and Student Life committee are also seeing this. Sonia stated that she would confirm. This report has been closed.
- ChemE (#2022-04-028) – Ben is not aware of any rats in Benson, but would need to check. Michael Glidden said that this might have been at a vivarium in a different building. Colleen mentioned that they may have brought the specimens after experiments to be euthanized and dissected. The way Michael understands it, animals should be euthanized before they are removed from the facility. There doesn't seem to be an animal facility in Benson, meaning they would need this to be approved. Michael noted that Comparative Medicine should be involved to which Sonia stated that they were. Colleen asked, in response to the proposed solution of a new euthanasia method, where they would be conducting this. Sonia will forward this question along and come back with more info. This incident is tabled to next meeting pending further information.
- WNF (#2022-04-040) – The report seems to be well detailed and the solutions appropriate. This report has been closed.

DRAFT Meeting Minutes

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

- Collaboration Core, RTT Managers (#2022-04-059) – This incident actually occurred in Bagley Hall and involved an MSE student. Kristine spoke on this as she supervises both groups involved. Using needles in the glove box is an ongoing issue, as dexterity is reduced. Kristine had a discussion with the one involved to talk about these difficulties and needle safety. Kristine mentioned that Hexane is a frequently used solvent and that, though certainly not great for someone, it is not particularly dangerous. Kristine offered the user to go to Hall Health, with which they chose to not follow through. Michael proposed that Sonia also mention that the Chemistry Department should look at this report. Colleen asked if the needle was compatible with the solvent, as this may have caused the extra force needed if it was degrading. Kristine is unsure, but noted that there are more aggressive chemicals in the space for which these needles are used. She will ask about the particular material and return with this info. Shane mentioned that if the syringe was made of LDPE, this would be incompatible. This report is tabled to next meeting.
- ChemE (#2022-04-072) – Ben stated that this incident likely did not occur in Benson Hall either. Ben will follow up on what location it actually occurred in as well. Colleen noted that it looks like the same lab and that Ben should clarify with the lab that they understand the locations for these procedures. Kameron noted that this may not be a mistake in location; Benson Hall, room 211 went through renovations for animal use not too long ago. Michael Glidden still would like follow-up information to confirm this. Tabled to next meeting.
- CEE (#2022-04-076) – Rachel was unable to connect with the lab for any further information, but is happy with the response to this report. The group confirmed that no further changes were recommended. This report has been closed.

Secondary Review:

- Shop 43 (#2022-04-028) – Alex motioned to table this report to next meeting in the interest of time. Tabling to next meeting was approved.

Group Business

- Discussion with Dan Ratner on OARS Report #2022-03-026:
 - Historically, the University at large tries not to meddle too much in RSO activities. However, this does not work well when the activities of the club are a dangerous liability to life and limb such as in this case.
 - The team in question was far from receiving adequate faculty supervision and the team was not aware that these activities required specific safety procedures.

DRAFT Meeting Minutes

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

- The event in question occurred in the basement of McMahon, in the decommissioned kitchens connected to the 8. Rocket candy (the propellant made) is fairly easy to make, but how it is fused together is very precarious, involving bringing both volatile chemicals within several degrees of their ignition point. The conclusion was that the group violated their agreement with the 8, which by name restricted this kind of procedure. The incident not only posed a huge threat to the team, but to the other users of the 8 and larger dorm.
- Going forward, Dan Ratner will be having ongoing discussions with Risk Management, Student Life, Group 9, and any other involved groups with how much more actively we should be involved with engineering-based RSOs to ensure they are conducting activities appropriately.
- Dan wants to still recognize that co-curricular activities are very important to our students and we will not be removing them, but wants to work through how to make them safer. In doing so, he wants to work toward building a registration process for RSOs to become ESOs (Engineering Student Organizations). These are for groups with liability and safety concerns, etc, related to engineering activities.
- Q&A with Group 9:
 - Q: Was there an easy connection to someone they could ask about the process of making rocket candy?
 - A: Yes. There just wasn't enough communication between them and their sponsor.
 - Q: RSOs seem to be University-level, not so much departmental.
 - A: RSO registration allows them to reserve space on campus and conduct other logistics. Majority of RSOs need few accommodations; this is not the case for engineering RSOs. In the future, it is likely that RSOs not engaged with the CoE will not be able to use CoE facilities. This plan actively goes against what the rest of the University does (Student Life), which wants groups to work separately. It's important to separate these groups, so as not to step on the toes of other RSOs and the rest of Student Life.
 - Q: This info should be forwarded to the U-Wide:
 - A: Dan agrees, but wants to ensure that we keep an open dialog with Student Life; This is not meant to infringe on their duties and how other RSOs conduct business. It should be noted that engineering RSOs for their part are loving the further involvement from this process, as it gets them experience in how to work with transportation logistics, risk assessments, etc.
 - Q: What if teams form RSOs with other departments to get around these requirements?

DRAFT Meeting Minutes

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

- A: We can't fix all of these problems at once. What we can do is make a blueprint on how we can start a process for these clubs and demonstrate how this method might work.
- Comment: The question is how to delineate groups with higher risks vs those with less consequential risks.
- Comment: Though not a physical risk, students over the weekend did something that made others concerned about human subjects risks. Student groups need to have faculty oversight.
- Q: Why are the makerspaces run by HFS and not CoE at all?
 - A: Also an interesting point that should be discussed, as they provide space for students who might be involved in more risky activities.
 - A: Shane mentioned that HFS has a mission to encourage and develop student life beyond food and housing, which is why they have these spaces. CoE has their own distinct spaces, as well.
- Risk Management may expand these discussions to other departments as it's an interest point of theirs.
- Dan left stating that the best thing Group 9 can do right now is to look at what groups are doing and document *informally* what is happening so that we can be aware of what kinds of activities are occurring and move forward with plans based on this as a starting point. Dan provided a link to a Google Form where we can catalogue these activities: <https://tinyurl.com/2021RSOUpdates>.
- Review of the Group 9 Charter Rules of Order and Procedures Addendum
 - Voted on and approved this addition.
- Discuss University COVID-19 Prevention Report Card
 - For the sake of time, Alex asked if Sarah would share this link and an explanation of the table with the group via email. Sarah confirmed.
- Potential speakers for June meeting: Invite Sarah Coppola to speak on her experience with Occupational Health? Any particular topics of interest?
 - Sarah asked that she not speak at next month's meeting, as it is graduation month. Alex agreed and asked if the group would be fine focusing in on the remaining OARS reports next weekend, to which the group agreed.

UW-Wide Meeting

- Alex asked if anyone had any questions/comments on notes from the U-Wide:
 - COVID-19 Updates:
 - Large increase in cases at the UW. Positivity in testing is a bit over 5%.

DRAFT Meeting Minutes

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

- The majority of UW cases report mild symptoms
- 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 designed shortly afterward and also included research animal care after these events.
 - Slides available with more information upon request.
- EH&S Updates:
 - L&I investigation with Harborview over respiratory 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.

Department Updates

- HCDE – Sarah stated they are still worried about COVID-19 and both the mental and physical tolls that it is taking. They are worried about what the graduations will be like during the current surge.
- ME – Kameron mentioned that they had a trespasser earlier in the week. Bill sent a picture to Alex to share with the group. This is someone who has been in the area before and was breaking into buildings at that time as well.

Adjournment

- Adjourned at 2:43 PM after an approved extension of ten minutes.

Next Meeting

- Next meeting will be June 22nd, 2022 at 1:30 PM via Zoom.



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: 2022-04-028

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: 2022-04-048

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.



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. XXXXXXX-A, a postdoc in the XXXXXXX Lab, helped her find some antiseptic and a bandaids 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: 2022-05-010

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: GRADUATE FELLOW STIPEND W/ BENEFITS

Date Reported (mm/dd/yyyy) : 05/05/2022

Department: GRAD: Finance

Time Reported: 09:55 AM

Person Involved or Affected

Department: GRAD: Finance

Incident Details

Campus: Seattle

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

Incident Location: ALLEN CENTER FOR

Time of Incident:

Room:

Other:

Incident Description: Worked with a lab mate who later tested positive for COVID. We did not wear mask while we were working as the mask mandate is lifted.
I would also like to mention that the exposure likely did not happen during work, as I later had dinner with this lab mate after work and chatted for a couple hours without a mask.

Supervisor

Full Name: Thomas E Anderson

Phone: ≈+1 206 543-9348

Occupation / Position:

Email: andrsn@uw.edu

Department: ENG: Computer Science and Engineering

Classification

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

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): Respiratory Symptom, Condition

Body Parts Affected (none, if no injury/exposure): Body Systems: Organs, Nervous System, Respiratory, etc.

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: None

Environment: None

Policies / Procedures: None

Human Factors: Other

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Other

Supervisor's Comments

Root Causes: A global pandemic, a shared workspace. Impossible to prove or determine whether infection did or did not occur on UW property.

Recommendations / Preventive Measures: None - UW has established a policy which prevents supervisors from mandating effective covid safety for workers in shared offices.

Other Comments: There are no corrective actions to take, except by changing university policy.

Corrective Actions Target Date (mm/dd/yyyy) : 05/15/2022

Corrective Actions Complete Date (mm/dd/yyyy) : 15-May-22

EH&S Comments

Per EHC, tested positive for COVID; potential workplace transmission therefore must report to OSHA. Fwd: Natalie Thiel, Rebecca Stenberg, Erin McKeown.



Report Number: 2022-05-016

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: **READER/GRADER (NE H UAW ASE)**

Date Reported (mm/dd/yyyy) : **05/05/2022**

Department: **ENG: Aeronautics and Astronautics- Academics JM Student**

Time Reported: **12:33 PM**

Person Involved or Affected

Department: **ENG: Aeronautics and Astronautics**

Incident Details

Campus: **Seattle**

Date of Incident (mm/dd/yyyy) : **05/05/2022**

Incident Location: **GUGGENHEIM HALL**

Time of Incident: **12:30 PM**

Room: **114**

Other: **Guggenheim 114**

Incident Description: **Injured right index finger. Finger smashed between a heavy slabs and wind tunnel test section while holding it during assembly.**

Supervisor

Full Name: **Owen J Williams**

Phone: **=+1 206 543-6880**

Occupation / Position:

Email: **ojhw@uw.edu**

Department: **ENG: Aeronautics and Astronautics**

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): **Bruise, Contusion; 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: **Inadequate Guards/Barriers; Inadequate Maintenance**

Environment: **Ergonomics Issues; Sharp Objects**

Policies / Procedures: **Inadequate Instructions, Procedures; Inadequate Planning, Preparation**

Human Factors: **None**

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: **Change work area layout / design; Change/review work procedures; Provide PPE**

This injury occurred during the first assembly of a piece of test equipment. As such a full procedure for assembly/disassembly had not yet been written. The injury occurred when trying to loosen a stuck piece. The weight of the primary fixture was used to loosen the part. When it suddenly came loose a figure was between it and another part. The following corrective actions are suggested:

(1) Writing a detailed procedure for assembly and disassembly of this piece of equipment, including the use of wooden dowels between pinch points to prevent this particular injury recurring. ..

Supervisor's Comments

Root Causes: This injury occurred during the first assembly of a piece of test equipment. As such a full procedure for assembly/disassembly had not yet been written. The injury occurred when trying to loosen a stuck piece. The weight of the primary fixture was used to loosen the part. When it suddenly came loose a figure was between it and another part. The root cause of this injury was lack of a defined procedure including a process by which pinch points are evaluated and prevented on a case by case basis.

Recommendations / Preventive Measures: The following corrective actions are suggested:
(1) Writing a detailed procedure for assembly and disassembly of this piece of equipment, including the use of wooden dowels between pinch points to prevent this particular injury recurring.
(2) Purchase and use of work gloves.
(3) Additional engineering to ensure that parts move smoothly and have sufficient tolerance.

Other Comments: **We will aim to have these corrective actions in place by June 1st.**

Corrective Actions Target Date (mm/dd/yyyy) : **06/01/2022**

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

EH&S Comments

fwd: Tracy Harvey, Zara Llewellyn.



Report Number: 2022-05-022

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: UNDERGRADUATE RESEARCH ASSISTANT (NE H UAW ASE) Date Reported (mm/dd/yyyy) : 05/06/2022
Department: ENG: Collaboration Core - MAF JM Student Time Reported: 03:00 PM

Person Involved or Affected

Department: ENG: Collaboration Core - MAF JM Student

Incident Details

Campus: Seattle Date of Incident (mm/dd/yyyy) : 05/05/2022
Incident Location: MOLECULAR ENG BLDG Time of Incident: 12:45 PM
Room: G42
Other:

Incident Description: Small spill of working 5% UA stain in fume hood. Approximately 1 mL. Cleaned up area with ethanol and bleach cleaner spray. Cleanup materials properly disposed in UA waster.
Comment from XXXXXXX: The actual physical incident of the spill was by XXXXXXX who is an approved and recorded UA user in MAF under our license (under XXXXXXX). XXXXXXX was supervising him to refresh him on the staining procedure. When he was working with the small bottle of UA stain, he accidentally knocked it over resulting in a small amount (1 ml) of stain releasing from the bottle onto the fume hood work bench. No liquid was spilled onto his body at all.

Supervisor

Full Name: Ellen Lavoie Phone: ≈+1 206 685-6775
Occupation / Position: Email: lavoie@uw.edu
Department: ENG: Collaboration Core - MAF 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; Splash

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 work area layout / design

We will work on creating a stand to hold the bottles of stain and using absorbent disposable paper when working with stain.

Supervisor's Comments

Root Causes:

Recommendations / Preventive Measures: In the future, hold stain inside a containment device, such as a large disposable petri dish.

Other Comments:

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

EH&S Comments

fwd: Tracy Harvey, Judy Cashman, Zara Llewellyn.



Report Number: 2022-05-037

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: ASSISTANT DIRECTOR (E S 9)

Date Reported (mm/dd/yyyy) : 05/11/2022

Department: ENG: Computer Science & Eng - Staff

Time Reported: 10:50 AM

Person Involved or Affected

Department: ENG: Computer Science & Eng - Farhadi JM Student

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 05/10/2022

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

Time of Incident: 02:30 PM

Room: 230

Other:

Incident Description: Grad students reported to the front desk that a small fridge was leaking "gas" in their office. Our operations manager immediately brought a cart over to remove the fridge from their space. The students, Ops Manager, and myself removed the mini fridge and put it outside near the dumpsters. They already had a box fan running in the space, and I recommended that they work elsewhere while the air cleared. I contacted FS, EH&S, and Surplus to figure out disposal of the unit. The fridge was picked up today by FS.

In all likelihood, this was a freon leak (based on the smell & location of leaking fluid).

Supervisor

Full Name: Jeremy S Yeung

Phone: ≈+1 206 543-9264

Occupation / Position:

Email: jsean@uw.edu

Department: ENG: Computer Science & Eng - Staff

Classification

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

Has Attachment(s):

Type of Incident

Injury Description (none, if no injury/exposure): Respiratory Symptom, Condition

Body Parts Affected (none, if no injury/exposure): Body Systems: Organs, Nervous System, Respiratory, etc.

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

Remove faulty/leaking fridge.

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, Denise Bender.



Report Number: 2022-05-057

Contact EH&S at 206-543-7262

Person Reporting Incident

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

Date Reported (mm/dd/yyyy) : 05/17/2022

Department: ENG: Computer Science & Eng - Morgenstern JM Student

Time Reported: 01:41 PM

Person Involved or Affected

Department: ENG: Computer Science & Eng - Morgenstern JM Student

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 05/17/2022

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

Time of Incident: 01:15 PM

Room:

Other:

Incident Description: I was inside of the staircase, near the door which leads to the hallway. Someone used their foot to kick open the door with considerable force. It was a near miss. The door needs card access to open so often people stand behind the door for a few seconds to swipe card.

Supervisor

Full Name: Alexander A Lefort

Phone: =+1 206 685-9198

Occupation / Position:

Email: aalefort@uw.edu

Department: ENG: Computer Science & Eng - Facilities

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: Fall from Height (6' or +); Fall of Less than 6', or on Stairs; 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: Other

Policies / Procedures: None

Human Factors: None

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Undertake hazard assessment; Change work area layout / design

Request sign put up at the door.

Supervisor's Comments

Root Causes: The door was kicked open from the other side of the staircase, which is already not an intended use for the door. The stairwells are frequently used, though there are generally only one or two people in them at any given point, which may have let the person entering assume no one was on the other side.

Recommendations / Preventive Measures: I am suggesting to our Operations team that signs be installed on the outside of each stairwell entrance to warn people that others may be on the other side.

Other Comments:

Corrective Actions Target Date (mm/dd/yyyy) : 06/30/2022

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

EH&S Comments

fwd: Scott Nelson.



Report Number: 2022-05-067

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: RESEARCH SCIENTIST/ENGINEER 4 (E S 9)

Date Reported (mm/dd/yyyy) : 05/20/2022

Department: ENG: Collaboration Core - WNF Staff

Time Reported: 07:39 AM

Person Involved or Affected

Department: ENG: Collaboration Core - WNF Staff

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 05/19/2022

Incident Location: FLUKE HALL

Time of Incident: 12:45 PM

Room: 115M

Other:

Incident Description: While preparing for chemical decanting work, WNF staff engineer noticed significant signs of contamination on internal surfaces of inert atmosphere glovebox. As the bulk of the work done inside this unit involved lead containing compounds, the engineer was concerned about lead contamination and the potential for cross contamination and decontamination needs on removing his work from the glovebox. Work was postponed. Engineer spoke with group's on-site lead who began directing his team to clean and decontaminate the work area. The incident was referred to the company's management teams as well who reported on their findings directly to WNF management. Lead contamination was found, decontamination procedures had become lax inside the glovebox itself, and company committed to correcting the issue.

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; Debris, Dust

Slip/Trip/Fall Information

Slip: None

Trip: None

Fall From Same Level: None

Fall From Elevated Height: None

Stairs: None

Contributing Factors

Equipment: Using Equipment Improperly

Environment: Chemicals; Poor Housekeeping

Policies / Procedures: Failure to Follow Procedures

Human Factors: Failure to Follow Established Protocol/Procedures

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: Change/review work procedures

Company on-site personnel will thoroughly clean and decontaminate glovebox.
Company management will review existing SOPs and housekeeping procedures to ensure clarity and completeness.
Company management will review existing SOPs and any changes with personnel to ensure compliance.

Supervisor's Comments

Root Causes: Failure to follow established procedures.

Recommendations / Preventive Measures: Review procedures for clarity and retrain personnel for compliance.

Other Comments: Staff engineer on report is not responsible for the incident, but was the person to notice the issue and take the appropriate steps to investigate and resolve. Additional sub-reports for the other involved personnel will follow.

Company in report has a long history with WNF with a very positive safety record. Recent employee turnover ..

Corrective Actions Target Date (mm/dd/yyyy) : 05/31/2022

Corrective Actions Complete Date (mm/dd/yyyy) : 07-June-22

EH&S Comments

fwd: Brandon Kemperman, Denise Bender.



Report Number: 2022-05-070

Contact EH&S at 206-543-7262

Person Reporting Incident

Occupation / Position: GRADUATE FELLOW STIPEND W/ BENEFITS

Date Reported (mm/dd/yyyy) : 05/23/2022

Department: GRAD: Finance

Time Reported: 08:02 PM

Person Involved or Affected

Department: ENG: Mechanical Engineering

Incident Details

Campus: Seattle

Date of Incident (mm/dd/yyyy) : 05/23/2022

Incident Location: WILCOX HALL

Time of Incident: 07:00 PM

Room: 39

Other:

Incident Description: Found a spill coming from a recently received box of dialysate concentrates. Identified the spill as RFP-456 Nx-Stage. This is a basic dialysate concentrate. Cleaned up the spill and contained the liquid in a bucket. Placed contaminated solids in a Styrofoam container. Requested help from lab members to arrange pickup and disposal of waste.

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): 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: 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 Material

Environment: Chemicals

Policies / Procedures: None

Human Factors: None

Suggested Corrective Actions by Affected Party

Suggested Corrective Actions: None

Spill came from newly received product. Is it possible that the bag was damaged when the box was being opened? If not, is it possible that the item was defective when it was received? Review how this product was received.

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: Tracy Harvey, OHNurse, Zara Llewellyn.





Contaminated With Bicarbonate
Concentrate RHP-485 R-2490



Contaminated With
Concentrate RHP-485 R-2490

REF RFP-456

N-STAGE

Contents: Two (2) NxStage® PureFlow™ B Solution 5000 mL Bags

LOT

Q2111302

Use By Date

2023-11-01

Caution



Do not freeze

Not for Direct Infusion

Rx Only



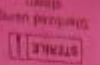
Single Use



Consult instructions for Use



Storage Temperature



Sterile using steam



Do not use if the product is past its expiration date



Do not open if the product is damaged

Indications: NxStage PureFlow B Solution is indicated for use with renal replacement therapy systems that utilize sterile premixed dialysate during hemodialysis.

NxStage PureFlow B Solution contains:

Potassium (K)	4.0 meq/L
Calcium (Ca)	1.0 meq/L
Sodium (Na)	140.0 meq/L
Magnesium (Mg)	1.5 meq/L
Bicarbonate (HCO ₃)	25.0 meq/L
Chloride (Cl)	120.0 meq/L
Glucose	1.0 g/L
Osmolality	296.3 mOsm/L (CaCl ₂)

Ca++	0.5 meq/L
K+	4.0 meq/L
HCO ₃	25.0 meq/L



NCS1111302

10/13/23

© 2013 NxStage Medical, Inc. NxStage is a registered trademark of NxStage Medical, Inc.

NxStage Medical, Inc.
300 Lawrenceville Road
Lawrenceville, GA 30046
Made in America



Rx Only



STERILE



NxStage PureFlow™ B Solution

REF RFP-4XX**Not for Direct Infusion**

THERAPEUTIC CLASSIFICATION

Premixed Dialysate

DEVICE DESCRIPTION

A clear, sterile, non-pyrogenic renal dialysis solution.

HOW SUPPLIED

See "PRODUCT FORMULATIONS" for composition and packaging information.

INDICATIONS FOR USE

NxStage PureFlow-B Solution is indicated for use with renal replacement therapy systems that utilize sterile premixed dialysate during hemodialysis.

STORAGE

Store between 4 and 25°C (39°F and 77°F).

Do not stack more than six cases high.

DISCLAIMER

NxStage Medical, Inc. assures the purity and performance of this dialysate only when prepared and used as instructed.

WARNINGS

1. NxStage PureFlow-B Solution is not for direct infusion.
2. The NxStage PureFlow-B Solution is for single use only. Do not reuse or resterilize. Materials used to make the disposables may not withstand reprocessing or reuse or both. Reuse or resterilization of the disposables may result in, but is not limited to, the following problems:
 - risk of cross contamination
 - material degradation
 - biocompatibility issues
 - endotoxin reactions
 - failure of the disposable to perform as intended.
3. Hemodialysis may result in significant changes in the blood concentration of electrolytes and glucose and in the patient's volume status. Appropriate monitoring of the patient's hemodynamic, fluid, electrolyte, and acid-base balance should be performed regularly, per physician orders, to ensure appropriate response to therapy. Failure to do so could result in inappropriate therapy for the patient.

4. Do not use bags containing different fluid formulations at the same time. The NxStage Cycler and Cartridge are not intended to mix multiple bags of different fluid formulations, and do not create whether the fluid composition is correct. Use of bags with different fluid formulations at the same time can cause electrolyte imbalance and result in a serious injury or death.
5. Do not use the NxStage PureFlow-B Solution with dialysate proportioning intermittent hemodialysis machines. Use with this type of system may result in dialysate that has an incorrect concentration. Incorrect dialysate concentration may lead to electrolyte or pH imbalance resulting in patient injury or death.
6. Always visually inspect the package and product before use. Do not use the PureFlow-B Solution if the bag and/or seal seams are open, damaged, or if any of the connector protective caps are loose, disconnected, or missing. If a leak is found, discard the solution. These disposables may no longer be sterile and may cause patient infection.
7. Visually inspect the solution before use. Use only if the solution is clear, colorless, and free of visible particulate matter both before and after mixing.
8. The bag seal must be opened and the solution in the large chamber must be mixed with the solution in the small chamber before use to obtain the final dialysate suitable for hemodialysis. Use within 24 hours after mixing the solutions and discard any unused portion. Failure to follow the mixing instructions may result in electrolyte imbalance.
9. Use aseptic technique when introducing additives and mix thoroughly. Do not store solutions containing additives. Additives may be incompatible with the NxStage PureFlow-B Solution. Refer to additive manufacturer's directions for full information on additives. Those additives known to be incompatible should not be used. Consult with a pharmacist prior to use.
10. Do not use the solution after the expiration date or use-by date on the package or after the expiration date or use-by date on the solution.
11. For solution hemodialysis only. Do not use for peritoneal dialysis. Prevent hypocalcemia.

PRECAUTIONS

1. No information is available on the use of NxStage PureFlow-B Solution during pregnancy.
2. Solution should be at room temperature before using to prevent outgassing of air from the fluid as the fluid is warmed.
3. The outer wrap should not be removed until product is ready for use, to ensure the stability of the solution.
4. It is the responsibility of the prescribing physician to verify the compatibility of the solution with any anti-coagulation protocols used.
5. Do not pull on or carry bags by the connector ports. This may damage the solution bag and cause leaks.

U-WIDE HEALTH AND SAFETY COMMITTEE

5/11/2022 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 type="checkbox"/>	Brett Magnuson (2)
<input checked="" type="checkbox"/>	Nigel Horton (2)	<input type="checkbox"/>	Andrew Abian (7)	<input type="checkbox"/>	Martin Arroyo (7)
<input checked="" type="checkbox"/>	Norm Kwasinski (2)	<input checked="" type="checkbox"/>	David Zuckerman (10)	<input type="checkbox"/>	Colleen Irvin (9)
<input checked="" type="checkbox"/>	Tony Colinares (3)			<input type="checkbox"/>	Andrea Chateaubriand (10)
<input checked="" type="checkbox"/>	Christine Aker (4)				
<input checked="" type="checkbox"/>	Mary Ann Valentine (4)				
<input checked="" type="checkbox"/>	Ansley Roman (5)			<input checked="" type="checkbox"/>	Paula Lukaszek, WFSE 1488
<input checked="" type="checkbox"/>	Sarah O'Hara (6)			<input checked="" type="checkbox"/>	Ann Aumann, SEIU 925
<input checked="" type="checkbox"/>	Laura Harrington (6)			<input type="checkbox"/>	Antonio Vasquez, UAW 4121
<input checked="" type="checkbox"/>	Alaron Lewis (7)				
<input checked="" type="checkbox"/>	Hannah Wilson (8)				
<input type="checkbox"/>	Michelle Miller (8)			<input type="checkbox"/>	Faculty Senate - TBD
<input checked="" type="checkbox"/>	Alexander Lefort (9)	<input checked="" type="checkbox"/> = attended meeting * = voting members 13 = voting members for quorum		<input type="checkbox"/>	GPSS - Gabby Rivera
<input checked="" type="checkbox"/>	Sarah Coppola (9)				
<input type="checkbox"/>	David Warren (10)				
Ex-Officio Member		Ex-Officio Member		Env. Health & Safety Member	
<input checked="" type="checkbox"/>	Tracey Mosier, UWF	<input checked="" type="checkbox"/>	Rick Gleason, DEOHS	<input checked="" type="checkbox"/>	Katia Harb
<input checked="" type="checkbox"/>	Chris Pennington, UWF	<input checked="" type="checkbox"/>	Felicia Foster, AGO	<input checked="" type="checkbox"/>	Denise Bender
<input 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 type="checkbox"/>	Ken Nielsen, Risk Services	<input checked="" type="checkbox"/>	Sonia Honeydew
<input type="checkbox"/>	Lt. Chris Jaross, UWPD	<input checked="" type="checkbox"/>	Susan Wagshul-Golden, UWT	<input checked="" type="checkbox"/>	Lorilyn A. H. Ignao
<input type="checkbox"/>	Seth Greenfest, UWHR	<input type="checkbox"/>	TBD, UWB	<input checked="" type="checkbox"/>	Tracy Harvey
				<input type="checkbox"/>	Jenna Gravley
Guests					
<input checked="" type="checkbox"/>	Matt Moeller	<input checked="" type="checkbox"/>	Doug Gallucci		

Agenda

1. Attendance/Quorum

Sonia Honeydew announced attendance reached quorum.

2. Call to Order and Welcome

Carmen Parisi opened the meeting with a land and water acknowledgement and explained how meeting voting procedures will be conducted.

3. Approval of Meeting Minutes

Carmen asked for any changes or suggestions to the April meeting minutes. No comments were raised. Alex Lefort motioned to accept. Ryan Hawkinson seconded. April meeting minutes were approved.

4. COVID-19 Update

Katia Harb presented an overview of the COVID-19 community levels. As expected, increase in cases in the UW community and Greater Seattle Area after returning from spring break. Last week, positivity rate of 5.2% from Husky Coronavirus Testing Program (HCTP). Currently community level is “medium,” and hospital levels are relatively low. Pierce and Snohomish Counties remain relatively low, though are increasing. BA.2 subvariant is dominant variant now. Relaxing the masking mandate may be contributing to slight rise of infection rates. On April 26 when King County moved to “medium” level, returned to “masks strongly recommended indoors”. In healthcare settings and on UW Shuttles, masks are still required. HCTP will continue for ‘22-’23 school year, though roughly half of positive test results came from home antigen testing kits. EH&S COVID-19 Response and Prevention team received another year of federal funding. Question in chat asked about monitoring wastewater testing. Katia responded that is best at a county level, so UW is not currently employing that strategy.

Reviewed [COVID-19 Public Health Requirements and Guidance flowchart](#). Pay attention to allergy symptoms and consider getting tested periodically if cannot distinguish from COVID symptoms. Spikes observed are assumed to be related to bigger events, parties, department dinners, etc. Encouraged to test before entering events as a best practice.

Floor opened for questions. Carmen asked from the chat if employees can still get L&I support if tested positive from work. Seth Greenfest responded that there are no changes to policies if employees are exposed to COVID from work. Guidance is posted on the [HR website](#). Sonia mentioned to [report all positive tests to EHC](#), and if a potential workplace transmission fill out an OARS report. Katia expressed that it can be difficult to tell how and where exposure came from. David Zuckerman asked for advice on second boosters. Katia provided the specifics of eligibility per CDC guidance. There is no current UW requirement, outside of the medical facilities, to receive a booster. Many are choosing to wait so that immunity is stronger later. Talk to personal doctor for individual guidance.

5. Pre-Entry Assessment Team (PEAT)

Matt Moeller and Doug Gallucci presented “Is it safe?” from UW PEAT, one disaster response team of the University. Earthquake hazards surround the University as part of the Puget Sound seismic zone and there are buildings on campus with vast amounts of hazardous materials. Seattle Fire expressed, following an earlier earthquake, that the UW Campus needed to be self-sufficient in the event of an earthquake. Various safety issues include chemical spills, leaking gas cylinders, evacuation routes, building infrastructure safety.

The role of PEAT is to enter buildings after disasters (e.g., earthquakes) to monitor for chemical hazards. A question was raised about access to care for research animals. Matt answered that the UW Earthquake Response Teams are made up of the ATC-20 (assess the structural integrity of buildings); PEAT (pre-entry assessment team – manage potential hazardous materials spills); and RAT (Rapid Access Team – assess needs of animals). The University has little capacity for cleanup. PEAT responsibilities do not include personnel rescue; they leave individuals sheltering in place, advise leadership, and continue to work to allow next entry team.

Mobilization practices include use of personnel who are hazardous materials trained. Typically, teams do not know what hazards to expect when entering buildings and therefore wear Level B protection suits (PPE including respiratory protection with breathing air). Part of their process is to check for radiation and air quality in any areas they may need to breach. The PEAT has created standardized ways to communicate with other emergency response teams, including post-earthquake building signage. HazMat areas are labeled. Restricted buildings may be used for shelter, etc. Carmen asked about a symbol mentioned for emergency responses. See https://www.youtube.com/watch?v=3V_0p3uoKIE. Alaron Lewis asked where UW Bothell is on hierarchy for emergency response. PEAT conducts drills for Bothell and Tacoma. PEAT will go where administration asks them to go.

6. Organizational Group Reports

Carmen requested groups to present reports to discuss anything new, interesting presentations, or updates.

HSC-1

Ryan Hawkinson: dealing with first drone injury.

HSC-2

Nigel Horton: for Materials & Construction, OARS report asking for more people to support mason work so they do not get hurt trying to lift heavy objects on their own. New safety officer, Bob Dillon to work with construction manager, Steve Babinec. The Total Recordable Injury Rate (TRIR) goal for project delivery is 2.0.

HSC-3

Kurt Oglesby: nothing new to report.

HSC-4

Christine Aker: nothing new to report.

HSC-5

David Manley: each group gave statistics from quarter 1. In April focused on workplace violence. Current initiatives, distributions, OSHA initiatives.

HSC-6

Sara O'Hara: nothing new to report

HSC-7

Alaron Lewis: nothing new to report

HSC-8

Hannah Wilson: nothing new to report

HSC-9

Alex Lefort: last review of charter with addendum about simplified Robert's Rules (willing to share).

Sarah Coppola: many of College of Engineering individuals went to a super-spreader event, exhibiting symptoms after return to campus.

HSC-10

David Zuckerman: OARS reports included tick bites. Tick avoidance guidance and care shared.

7. Union & Senate Reports

GPSS

Not present.

WFSE 1488

Paula Lukaszek: concerns about ergonomics studies with custodians, and shuttle bus and truck drivers are also experiencing issues. Most recently an ergonomic issue with a driver came up two weeks ago and a report was provided to Transportation Services (TS). Paula mentioned that Metro has proactively worked on ergonomics for their drivers. Tracey Mosier will follow up with TS on the report and recommendations. Sonia mentioned that EH&S is reviewing ergonomics issues and can discuss with concerned staff. Erin McKeown asked to emphasize entering OARS reports on issues.

SEIU 925

Ann Aumann: nothing new to report.

UAW 4121

Not present.

Faculty Senate

Not present.

8. Ex Officio Reports

UW Facilities

Not present.

UWPD

Not present.

Emergency Management

Steve Charvat: Campus safety reorganization happening behind the scenes.

DEOHS

Rick Gleason: WA Worker Memorial Day summary. About two workers a week lost their life last year. Presented data. COVID remains the leading cause of death in Washington on the job in 2020-2021, followed by construction, transportation, public safety, warehouse, and agriculture deaths. Carmen expressed that the memorial was powerful.

AGO

Nancy Gwin: nothing new to report.

Claim Services

Not present.

Transportation Services

Not present.

UW Tacoma

Susan Wagshul-Golden: nothing new to report.

UW Bothell

Allyson Long left UW. Await replacement.

9. EH&S Updates

L&I

Erin McKeown offered updates that EH&S and L&I have met and provided the following notes:

EH&S staff and Union representatives met with Labor and Industries regarding a violation for respirator selection and use at Harborview Medical Center's Post-Anesthesia Care Unit and emergency room. UW Medicine policies regarding the selection and use of respirators was being revised when this investigation began in November 2021. The changes were being made as part of a settlement agreement with LNI. UW Medicine requires healthcare workers to wear a NIOSH-approved N95 or equivalent or higher-level respirator, eye protection, gloves, and a gown when providing care to patients that are known or suspected of having COVID-19. The hearing officer proposed to reduce the violation from serious to a general violation and reduce the fine amount from \$6k to \$3k.

The LNI investigation at the UWMC Roosevelt Clinic regarding social distancing concerns closed with no violations.

MyChem system was updated and released. Share concerns with Mark Volkert, mvolkert@uw.edu. Denise Bender added that there will be new requirements in MyChem in the end of June. Douglas Gallucci explained the new requirement for inventory owners to upload SDSs for new inventory items. This will be effective starting June 30th.

General

Newsletter was published, including a new article on lockout/tagout. LOTO manual is currently under review by EH&S; departmental review and comments welcome.

10. Good of the Order

Sonia expressed a thank you for Accident Prevention Plan reviews. Goal is to have a new draft presented to group next month. Sarah Coppola asked, "Is anyone looking at the mental health crisis among workers?" Denise answered that no one in EH&S is. UW Medicine has reached out to mental health experts and is boosting support for workers experiencing burnout. EH&S can investigate what is being done and share information. Nothing has been formally organized. Seth said that telework will continue in an attempt to reduce anxiety. Programs and supports for caregivers are also offered. Laura Harrington suggested reminding the campus community of the CareLink resource. Norman Kwasinski mentioned his group uses it often. Ansley advocated for the use of CareLink -- though limited, still a valuable resource. Katia mentioned that some find it

useful and individuals make the resources available. Denise mentioned the UW Resilience Lab teaching how to increase one's "window of resilience". Katia mentioned the UW Resilience Lab could present to the U-wide and can help teams/groups or individuals. Erin will look into coordinating a presentation in the future. Sarah mentioned that there is a crisis point, entering uncharted new world due to the work environment of the last two years. Sonia mentioned the across-the-board staffing shortages and increased workload adding onto the stress of the work environment. Someone mentioned UW Family resources, <https://www.washington.edu/parents/resources/pfg/>.

11. Adjourn

Carmen asked for a motion to adjourn. Sara O'Hara motioned to adjourn. Sarah Coppola seconded.

Meeting adjourned: 2:09pm

Resources:

<https://www.seattletimes.com/seattle-news/health/the-expiration-date-on-your-covid-rapid-tests-may-have-been-extended-heres-how-to-look-up-the-new-one/>

<https://www.fda.gov/medical-devices/coronavirus-covid-19-and-medical-devices/home-otc-covid-19-diagnostic-tests#list>

<https://www.insidehighered.com/news/2022/05/11/how-scholarly-meeting-became-superspreader-event>

<https://hr.uw.edu/returntowork/covid-19-policy-updates/>

<https://www.uwmedicine.org/coronavirus/vaccine>

<https://sayyescovidhometest.org/>

<https://www.ehs.washington.edu/about/latest-news/mychem-users-required-upload-sdss>

<https://www.ehs.washington.edu/about/latest-news/incident-insights-hazardous-energy-leads-fan-belt-injury>

<https://wellbeing.uw.edu/unit/resilience-lab/>

<https://wellbeing.uw.edu/topic/mental-health/>

UW Center for Child & Family Well-Being <https://ccfwb.uw.edu/>

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

June 8, 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
Personnel Change & Appreciation	Katia Harb, EH&S	Announcement	5 min
COVID-19 Update	Katia Harb, EH&S	Presentation	10 min
Reimagining Safety at UW	Sally Clark, External Affairs	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.