Agenda – November 25, 2019 Group 9 (College of Engineering) Health and Safety Committee

1. <u>Attending</u>

Fiona Spencer or Eliot George, AA Colleen Irvin, BioE Sean Yeung, CEE Michael Pomfret, CEI Kameron Harmon, ChemE S. Honeydew or M. Glidden, CoE DO Alex Lefort for Sophie Ostlund, CSE Bill Lynes, ECE

Angie Haggard, EH&S Stacia Green, HCDE Sheila Prusa, ISE Bill Kuykendall, ME John Young, MolES/NanoES Tatyana Galenko, MSE Darick Baker or N. Shane Patrick, WNF

2. Guest Speaker

• Jenna Gravley, EH&S Planning & Administration – introducing the new Health and Safety Committee dashboard, aka OARS dashboard

3. Previous Meeting Minutes

- Oct 2019 approve? Corrections/additions?
- Previous meeting minutes are posted at https://www.engr.washington.edu/mycoe/safety#

4. Department Incident Reports (use "5 Why's" analysis for one report)

- WNF @ Fluke hit head on equipment (Oct)
- WNF @ Fluke exposure to strong fumes from vapor priming oven (Oct)

5. Group Business

- Group 9 election status ECE, proxies for all, ex-officios, charter update
- CoE building annual evacuation drills status remaining buildings
- New UW policy & faculty safety committee re: chemical/physical safety in research, update PO 55 to include all institutional committees, summer Advisory Group to Provost of all Safety Committee chairs

6. UW-Wide Meeting

- October minutes attached
- November agenda attached
 - Charter updated to reflect remote access to meetings
 - Non-native poison mushrooms were growing on campus
 - Request for UW centralized info on travel H&S
 - At this time of year reflectors and lights important on trails SafeCampus has free reflective slap bracelets
 - Much learned from gas leak incident by UW Tower, multijurisdictional unique event updated emergency plan re: shelter in place, and created SFD gas leak response plan, after-action rpt coming

7. Member Updates

Next Meeting: December 30th at 3pm, in Loew 355

Meeting Date: October 28, 2019

<u>Attended</u>

Kameron Harmon, ChemE Michael Pomfret, CEI J. Sean Yeung, CEE Alexander Lefort for Sophie Ostlund, CSE Sonia Honeydew, DO Bill Lynes for John Young, ECE Angie Haggard, EH&S Stacia Green, HCDE Neelu Rajvanshi for Sheila Prusa, ISE Bill Kuykendall, ME John Young, MoIES/NanoES Tatyana Galenko, MSE Darick Baker and N. Shane Patrick, WNF

<u>Absent</u>

Fiona Spencer or Eliot George, AA Colleen Irvin, BioE

Introductions

- John Young switched from ECE (elected member) to MolES/NanoES (ex-officio) representative.
- William Lynes will act as proxy (for elected member) for ECE for remainder of year.
- Today's guest N. Shane Patrick will soon attend for WNF, as (ex-officio) representative replacing Darick Baker.
- Neelu Rajvanshi is acting as proxy for (elected member) Sheila Prusa of ISE today.

Previous Meeting Minutes

- September 2019 draft approved
- Previous meeting minutes are at: <u>https://www.engr.washington.edu/mycoe/safety#</u>

Incident Reports

 WCET @ Bowman – HF spill (Sep). Additional information supplementing robust OARS. report: the setup was not bumped after all, and the secondary containment had sufficient capacity. As described in OARS report, the normal HF fume hood was down for repairs, so the users moved the HF setup to an adjacent bench with a different space configuration. The users changed the HF arrangement in this new hood and changed the placement of the solvent trap into the hood, so they flipped the base of the ring stand to make space (thus the ring stand had less support). They changed the direction of the hosing, so it pulled on the setup; they thought the flask was bumped but the setup was actually pulled by the hose. The secondary containment was as big as it could be and would have sufficed in a regular spill but the whole assembly tipped over. The users were using a larger volume than scope approved, as they were rushing to complete tasks before an end-of-day deadline. The lab took the solvent trap out and ran the hose directly to the vacuum pump. The lab met and created a detailed setup for HF work and decided it will only occur in the dedicated HF fume hood. They also increased the height of the walls of the secondary containment as much as possible. They increased the PPE requirements for HF work, to full coverage head-to-toe, with no gap between booties and apron. They will also get monkey bars installed in the fume hood, and they obtained an appropriately sized solvent trap. The affected party decided not to use shower because they felt the risk of diluted HF wasn't worth the risk of flooding the lab with the emergency shower, but the lab reiterated that the shower should be used in HF spills. The lab has installed curtains around the safety shower to increase likelihood of shower use. Although Bowman has UW phones, 911 calls from there go to Seattle dispatch rather than UWPD, so staff have now been instructed to call EH&S immediately after calling 911. The lab now keeps a duplicate copy of the SOPs and SDSs outside the lab. Users will be required to check with the Assistant Director of Operations (the supervisor, rather than the PI) before changing protocols in the future. The company performing the work has changed their SOP so that they must start this process before noon, so as not to be rushing before eod (because they were rushing, they were not emptying solvent dump). They also must email all staff when they begin and finish HF work, so that whoever is around can check on them.

Group Business

- Group 9 election status: the election is complete. Departmental and Dean's Office elected membership for the 2020-2021 term remains the same except that Michael Domar will represent A&A, Alex Lefort is elected rather than proxy for CSE, Svenja Fleischer will represent ME, and with John Young's move, Mike Bettis (as second votegetter) or Bill Lynes (if appointed) will represent ECE (ECE leadership will confirm). Group 9 ex-officio invitations for the next term were accepted (Michael Pomfret continues for CEI, WNF switched from Darick Baker to N. Shane Patrick, and newly positioned John Young will continue for MolES/NanoES).
- CoE building evacuation drills continue. Of about 25 buildings, 9 remain. Some buildings are combined. Almost all are scheduled. We "leveled up" by having CoE building evacuation drills during the school year this year. That mostly went OK (since drills were scheduled during breaks between classes) except Benson drill interfered with class time a bit.
- For a year or two, UWPD has recommended the app "SafeZone" (with the blue • shield) to check in while on campus, or set a timed check-in when walking at night to your car/transit, or quickly contact UWPD. But it also has more advanced applications: admins can create a geofence around their building(s) within the UW campus, and then use the app to blast communications to their people within that area, or call key colleagues within the group for assistance before escalating to UWPD. You would need to make it building policy for your staff to check in on the app. It does work with AppleWatch. You can even draw a temporary geofence around your people at another location. Power user Steven C. Riggs (Building Coordinator at Hall Health) is a good resource; they are going so far as to upgrade hardware in the building to support low energy Bluetooth via WiFi router for 3D location (by floor) - this service is an additional cost. Advanced users can get a desktop version of the app; with location identified, this could replace the "Green Button" program many have on their desktops. It is from this command console that an admin would send a push notification. You could have a Bluetooth medallion/necklace like LifeAlert to hit the "alert" button in SafeZone. SafeZone can also produce metrics and an audit record of who was where (including emergency responders) based on who was checked in during an incident. Use of the app is completely voluntary. The contact at UWPD is Samantha Thomson-Daly, sthomsda@uw.edu.
- November guest ideas? Let's invite EH&S to discuss the new OARS report dashboard.
- Returning to the question of who is responsible for safety of student clubs, both on and off campus... in terms of risk management, registering clubs as RSO's is important.

 If Bowman's UW phones don't take 911 calls directly to UWPD, do Ben Hall's? Ask UWIT. Regarding the importance of VoIP phone locations being reported to UWIT so that emergency responders converge on the proper call location, CSE notes that phone move updates they've reported to UWIT have not consistently been updated in the database, creating a safety concern.

UW-Wide Meeting

- Sep minutes in packet.
- Oct agenda in packet.
 - There was an EH&S presentation on National Biosafety Month (October); the focus this year is on transporting biohazards outside the lab, and defining acceptable PPE.
 - The gas leak that necessitated evacuating the UW Tower in early October was a good learning experience; decision-making protocols and protocols regarding evacuation vs. shelter-in-place will be updated.
 - Provost Richards has his eye on safety. Occupational safety issues will be elevated. There may be a push to complete business continuity (Husky Ready / BARC) plans in 2020.
 - The Health & Safety Committee dashboard (aka OARS dashboard) is complete and available to view, populated with 2017-2019 data and updated monthly. Groups chairs have access. Sonia will get access for all Group 9 reps. Using this system, EH&S is developing an Executive Sponsor report rather than their annual report, for accessible current data rather than only once-yearly exposure to data.

Department Updates

- CSE had building systems sequence test. Had a soft opening of primary room (not side labs) of new fabrication research lab in the G level of Gates Center. More of a lab than a maker space.
- MSE user stuck in elevator when picking up chemicals
- HCDE evacuation drill with classrooms went well short a few Evacuation Wardens, and still working to keep people away from exterior doors so emergency responders have access.

- ME a student fainted in class during midterms. The instructor called 911 and emergency responders took the student (who is fine). Told undergraduate advisor, who did OARS report.
- ChemE in building evacuation, occupants stayed by building entrances until Evacuation Warden/Director shouted at them to move away from the building. Evacuation occurred in last five minutes of class, maybe during midterm testing.
- HCDE Sieg alternate Evacuation Assembly Point? NE corner by fountain? Talk to Scott Nelson and Diego Oliver at EH&S.
- WNF Shane is new Evacuation Director and is updating FSEP. Building now has AEDs – contact Diana Zumba for rules regarding their maintenance/registration. High usage HF and want staff refresher – contact Alex Hagan or Tracy Harvey. For more specific info check Programs, in addition to Training, on the EH&S website. What are recommendations/requirements on oxygen sensors if it's a small room without significant air exchanges? Try asking John Kelly.
- DO we have a new Dean. What relationship do we want with the Dean, as our Executive Sponsor? Shall we invite her to all monthly meetings, quarterly, or yearly? Make the offer and see her availability.

Next Meeting

• November 25th, 2019 at 3pm, in Loew 355. Guest speaker will be Jenna Gravley of EH&S, on the new H&S Committee dashboard.



Report Number:2019-10-124

Person Reporting Incident				
Last Name:Huffman	First Name: Maria			
Phone: 206-543-5101	Email:mhuffm@uw.edu			
Occupation/Position:ASSISTANT DIRECTOR-PROGRAM OPERATIONS (E S 11)	Department: ENG: Collaboration Core - WNF Managers			
Date Reported(yyyy/mm/dd):2019/10/31	Time of Reporting:08:28 AM			
Person Involved or Affected				
Last Name:	First Name:			
Phone:+1	Email:			
Occupation/Position:	Department: ENG: Collaboration Core - WNF Staff			
Incident Details				
Date of Incident(yyyy/mm/dd):2019/10/30	Time of Incident:11:00 AM When Shift Begins: N/A			
Campus:Seattle	Incident Location/Parking Lot:FLUKE HALL			
Room:WNF cleanroom	Other:			
Incident Details:				
abruptly got up resulting in hitting his head against metal. This in turn resulted in a cut that proceeded to bleed. The came out of the cleanroom in good condition apart from the fact that there was some bleeding coming from the cut on his head. The bleeding was not profuse. Was in good physical condition otherwise.				
Attachment:No				
Attachment:No Supervisor				
	First Name:Maria			
Supervisor	First Name:Maria Email:mhuffm@uw.edu			
Supervisor Last Name:Huffman				
Supervisor Last Name:Huffman Phone:206-543-5101 Occupation/Position:ASSISTANT DIRECTOR-PROGRAM	Email:mhuffm@uw.edu			
Supervisor Last Name:Huffman Phone:206-543-5101 Occupation/Position:ASSISTANT DIRECTOR-PROGRAM OPERATIONS (E S 11) Classification Level 1:	Email:mhuffm@uw.edu			
Supervisor Last Name:Huffman Phone:206-543-5101 Occupation/Position:ASSISTANT DIRECTOR-PROGRAM OPERATIONS (E S 11) Classification Level 1: Injury requiring medical treatment (go to lo	Email:mhuffm@uw.edu Department:ENG: Collaboration Core - WNF Managers			
Supervisor Last Name:Huffman Phone:206-543-5101 Occupation/Position:ASSISTANT DIRECTOR-PROGRAM OPERATIONS (E S 11) Classification Level 1: Injury requiring medical treatment (go to le occurred),	Email:mhuffm@uw.edu Department:ENG: Collaboration Core - WNF Managers evel 3 if in-patient hospitalization or amputation			
Supervisor Last Name:Huffman Phone:206-543-5101 Occupation/Position:ASSISTANT DIRECTOR-PROGRAM OPERATIONS (E S 11) Classification Level 1: Injury requiring medical treatment (go to le occurred), Type of Incident	Email:mhuffm@uw.edu Department:ENG: Collaboration Core - WNF Managers evel 3 if in-patient hospitalization or amputation			
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Supervisor Last Name:Huffman Phone:206-543-5101 Occupation/Position:ASSISTANT DIRECTOR-PROGRAM OPERATIONS (E S 11) Classification Level 1: Injury requiring medical treatment (go to looccurred), Type of Incident Injury Description: Cut, Laceration, Puncture, Scratt Body Parts Affected: Head, Cause of Injury or Damage: Contact with Object: Bump	Email:mhuffm@uw.edu Department:ENG: Collaboration Core - WNF Managers evel 3 if in-patient hospitalization or amputation ecch, Abrasion (Open Wound),			
Supervisor Last Name:Huffman Phone:206-543-5101 Occupation/Position:ASSISTANT DIRECTOR-PROGRAM OPERATIONS (E S 11) Classification Level 1: Injury requiring medical treatment (go to least occurred), Type of Incident Injury Description: Cut, Laceration, Puncture, Scratt Body Parts Affected: Head, Cause of Injury or Damage: Contact with Object: Bumy Possible Causes	Email:mhuffm@uw.edu Department:ENG: Collaboration Core - WNF Managers evel 3 if in-patient hospitalization or amputation ecch, Abrasion (Open Wound),			
Supervisor Last Name:Huffman Phone:206-543-5101 Occupation/Position:ASSISTANT DIRECTOR-PROGRAM OPERATIONS (E S 11) Classification Level 1: Injury requiring medical treatment (go to leto occurred), Type of Incident Injury Description: Cut, Laceration, Puncture, Scratt Body Parts Affected: Head, Cause of Injury or Damage: Contact with Object: Bump Possible Causes Equipment:	Email:mhuffm@uw.edu Department:ENG: Collaboration Core - WNF Managers evel 3 if in-patient hospitalization or amputation ecch, Abrasion (Open Wound),			

ON FILE: Affected/Injured Employee's date of birth, gender, date of hire, and hours of employment.

Suggested corrective action by the affected party				
Reminding employee to pay attention to his environment when working in the Lab.				
Supervisor's Comments	Supervisor's Comments			
Root Causes: (Please look at all the factors that may have contributed to the accident.Such factors may include equipment, environment, policies, procedures, and personnel.) This was an accident. The employee while working on a piece of equipment and focused on the task he lost sense of his surroundings and this resulted in him getting up too fast which resulted in bumping his head against metal.				
Recommendations/Preventive Measures: Remind employee to pay attention to his surroundings when performing tasks around equipment.				
		Corrective Actions Complete Date (yyyy/mm/dd): 2019/10/31		
Other Comments: and I discussed the incident and we have agreed that he will pay attention to his surroundings much more from now on to avoid this from happening again.				
EHS Review				
Last Name:	First Name:	Phone Number:	Email:	
Occupation/Position:		Department:		
Comments:				



Report Number: 2019-10-125

Contact EH&S at 206-543-7262

Person Reporting Incident					
Last Name:Patrick	First Name:Nicholas				
Phone:+1 206 221-1045	Email:patricns@uw.edu				
Occupation/Position:RESEARCH SCIENTIST/ENGINEER 3 (E S 8)	Department: ENG: Collaboration Core - WNF Staff				
Date Reported(yyyy/mm/dd):2019/10/31	Time of Reporting:09:39 AN	1			
Person Involved or Affected					
Last Name:	First Name:				
Phone:	Email:				
Occupation/Position:Public	Department:				
Incident Details					
Date of Incident(yyyy/mm/dd):2019/10/31	Time of Incident:7:30 AM	When Shift Begins: N/A			
Campus:Seattle	Incident Location/Parking Lot:FLUKE HALL				
Room:WNF Cleanroom, 125E	Other:				

Incident Details:

WNF Outside Industrial User whether to investigate a previous report by a colleague at his company regarding the WNF's HMDS Vapor Priming Oven and the presence of an abnormal smell when the system was opened. Staff had previously investigated the reported smell, but did not find anything abnormal. As the previous report did not include any report of symptoms, no further action was taken. In this case, where reports a strong smell and a slight stinging/burning sensation in the eyes. immediately closed the door to the system and stepped away from it to clearer air. At this time, he has not sought medical attention. Upon receiving the notification, the oven was systematically disabled in our equipment management system, signage was posted detailing the door should not be opened, the system was placed under persistent vacuum to ensure fumes cannot build up, was provided the SDS for the chemical in use in the system (which he had access to via at 2 other routes already), and encouraged to seek medical attention should he have any concerns or should any listed symptoms develop.

Attachment:Yes

Supervisor	
Last Name: Patrick	First Name:Nicholas
Phone:+1 206 221-1045	Email:patricns@uw.edu
Occupation/Position:RESEARCH SCIENTIST/ENGINEER 3 (E S 8)	Department: ENG: Collaboration Core - WNF Staff

Classification

Level 1:

Injury or Exposure, no first aid required,

Type of Incident

Injury Description: Eye or Vision Issues, Pain, Irritation, Inflammation, Swelling, Respiratory Symptom, Condition,

Body Parts Affected: Face, Eyes, Body Systems: Internal Organs, Nervous System, Respiratory, etc.,

Cause of Injury or Damage: Chemicals,

Possible Causes

Equipment: Defective Tools, Equipment,

ON FILE: Affected/Injured Employee's date of birth, gender, date of hire, and hours of employment.

Environment: Air Contaminants, Chemicals,

Policies / Procedures:

Human Factors:

Suggested corrective action by the affected party

Investigation of path by which vapor is building up inside the system and correction of that path to restore proper operation of equipment.

Supervisor's Comments

Root Causes:

(Please look at all the factors that may have contributed to the accident.Such factors may include equipment, environment, policies, procedures, and personnel.)

This appears to be a mechanical failure, likely of a valve, in the tool in question that allowed chemical vapors to build up inside the processing chamber rather than being properly isolated when the system is idle.

Recommendations/Preventive Measures:

Access to system removed from general lab population and system manually placed into vacuum purge to ensure no build up of vapors. System to be decontaminated and all components between process chamber and HMDS well to be inspected and serviced/replaced as needed.

Corrective Actions Target Date (yyyy/mm/dd):	Corrective Actions Complete Date (yyyy/mm/dd):
2019/11/08	2019/11/08

Other Comments:

System was completely overhauled including replacement of all seals and the main actuating valve between the chamber and the chemical reservoir. New materials are more chemical resistant. A second manual valve has been added to allow staff to seal off the reservoir in the event a leak develops in the future. An additional small leak was found at the nitrogen purge valve for the system. This posed no threat, but was also repaired. Full helium leak checking was performed following repairs and no further issues were detected.

EHS Review

Last Name:	First Name:	Phone Number:	Email:
Occupation/Position:		Department:	
Comments:			



U-WIDE HEALTH AND SAFETY COMMITTEE

October 9, 2019 Meeting Minutes | 1 p.m. - 2:30 p.m. | N-130A

	Elected Members* (HSC Group)		Appointed Members* (HSC Group)		Environmental Health &Safety (EH&S) Staff**
	Leslie Anderson, Co-Chair (1)	X	Paul Zuchowski (3)	Χ	Katia Harb
	Fieta Robinson (1)		Katie Beth (3)		Denise Bender
Х	Ryan Hawkinson (1) alternate	X	Beth Hammermeister (4)	Χ	Erin McKeown
	Sterling Luke (2)	X	Liz Kindred, Co-Chair (5)	Χ	Angelina Haggard
Х	Jeff Mellema (2)	X	Adam Geoffrey (7)	Χ	Manisha Konnur
Х	Carol Harvey (4)	X	David Zuckerman (10)	X	Jenna Gravley
	Ann Aumann (5)	Х	Colleen Irvine (9)		
Х	Natassia Stelmaszek (6)	X	Lori Anthony (6)		
	Kelly Carter-Lynn (7)				
	David Hirschberg (8)				
Х	Hannah Wilson (8)				
	Kameron Harmon (9)				
	David Warren (10)				
	Faculty Senate*				
Х	Lesley Colby				
	Labor Union Representation*		Ex-Officio Members**		Ex-Officio Members**
	Paula Lukaszek, WFSE Local 1488		Tracey Mosier, UW Facilities		Felicia Foster, Atty. General's Office
X	Christine Kang, UAW 4121	x	Chris Pennington, UW Facilities	Х	Lt. Chris Jaross, UWPD
X	Leandro Casigrahi UAW 4121 Post Docs	X	Steve Charvat, Emergency Management		
			Barry Morgan, Emergency Management		Vacant, Transportation Services
			Rick Gleason, DEOHS		Ken Nielsen, Risk Claims Services
					Vacant, Capital Planning & Development
*X=	present at meeting (quorum=12	elec	ted and appointed members)		



ENVIRONMENTAL HEALTH & SAFETY UNIVERSITY of WASHINGTON

Agenda

- 1. Call to Order and Introductions
- 2. Approval of Meeting Minutes
- 3. National Biosafety Month
- 4. U-Wide Charter Revisions
- 5. Organizational Group Reports and Election Update
- 6. Union Reports
- 7. Ex-Officio Reports
- 8. EH&S Updates
- 9. WA Labor & Industries Updates
- **10. Serious Incident Review**
- 11. Good of the Order
- 12. Adjourn

Recorded by Manisha Konnur

1. Call to Order and Introductions

Liz Kindred called the meeting to order at 1:06 p.m.

2. Approval of the Meeting Minutes

September 2019 U-Wide meeting minutes were approved as amended.

3. National Biosafety Month

Zara Llewellyn, Biosafety Manager and Interim Assistant Director for Research & Occupational Safety presented on 'National Biosafety Month' (presentation will be linked).

4. U-Wide Charter Revisions

The committee discussed adding the capability of remote access to meetings via Zoom or a conference call. Members were supportive of the option to attend the meetings remotely and spent time reviewing and editing an addition to their charter. The below charter language was voted on and approved. EH&S will update the U-Wide Charter with the following proposed language:

"Committee members may attend the meeting remotely. The committee member should notify the U-Wide chair and the designated EH&S representative. EH&S will reserve the necessary equipment for each meeting."

The committee agreed to table the discussion about Ex-Officio members becoming voting members until next safety committee term.



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5. Organizational Group Reports and Election Update

HSC 1 - Ryan Hawkinson reported for HSC-1. The group met that morning and had a site visit to Benjamin Hall. They did not meet quorum and could not approve their minutes. The group discussed the upcoming elections, completed nominations, and agreed to complete the vote by November.

HSC 2 – Jeff Mellema reported for HSC-2. The group met last month and approved September minutes. There were no Non-Facilities Services OARS reports to review.

HSC 3 –Paul Zuchowski reported for HSC-3. The group met last month and discussed OARS reports. Their election is completed. Paul will be retiring in December. However, he will be in attendance at the first meeting of the new term in January.

HSC 4 – Beth Hammermeister reported for HSC-4. The group met on September 24, approved August minutes, discussed OARS reports, discussed the definitions of 'Serious Incidents' given by EH&S, and reviewed their charter for Group 4. A department represented by one of the committee members, recently had EH&S Lab Safety surveys conducted and was concerned the results were inconsistent with previous lab surveys. Election preparations are in process to announce the call for nominations.

HSC 5 – Liz Kindred reported for HSC-5. The group met in the end of September. They did their annual review of sharps injuries. UW Risk Management presented on <u>Worker's Compensation</u> <u>Claims 2018 Report</u>. 43% of all claims at Harborview Medical Center were by housekeepers and nurses. Although there has been a decreasing trend. Time lost reported has decreased by 54%. The group began elections and expects to be done by the end of November. Northwest Hospital will be a part of their committee starting January 2020.

HSC 6 – Natassia Stelmaszek reported for HSC-6. The group met and reviewed OARS reports. Their election is in progress. Natassia credited Matthew Unruh for his persistent support and work on HSC elections. There have been concerns over several break-in incidents in the Dean's Office and asked if anybody knew about the status of the Building Safety Plan. Lt. Chris Jaross of UWPD said that due to recent leadership changes the Building Safety Plan is still on hold.

HSC 7 – Adam Geoffrey reported for HSC-7. The group discussed OARS reports.

The group had an executive sponsor leadership change and plans to have fewer members on the committee that will improve campus representation in the next term. The group will review their Accident Prevention Plan UW Bothell addendum by the end of this year. Election preparations are in process to announce the call for nominations.

HSC 8 – Angeline Haggard reported for HSC-8, since she attended. Hannah Wilson said she was not present for the last committee meeting, but thanked Angelina Haggard for acting as the chair in her absence. Angelina Haggard reported that she gave an overview of the health and safety committees, how they work, and EH&S services. HSC-8 committee members also reviewed OARS



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reports. Hannah is the election coordinator for this upcoming election and will be stepping down from her leadership role on the committee due to recent staff changes in her department.

HSC 9 – Colleen Irvine reported for HSC-9. The group met last month, discussed OARS reports and approved September minutes. Alex Hagen was present to discuss Laboratory Safety. Group 9 elections are completed.

HSC 10 – David Zuckerman reported for HSC-10. The group met on September 25 and discussed OARS reports. The group discussed one of the OARS reports involving an indecent exposure incident at the arboretum. This incident led to the formation of a subcommittee to discuss ways to deal with safety and security issues. They are reviewing their safety plan and will develop a code word system. Liz Kindred of HSC 5 suggested they consider getting a 'De-escalation' training. David replied that they will be getting "de-escalation" training and active shooter training and drill. Their elections are in progress.

6. Union Reports: Christine Kang had questions about the CO₂ incident but decided to wait until after EH&S gave updates on the incident.

7. Ex-Officio Reports:

Emergency Management - Steve Charvat reminded the committee of the 2019 Great Shake Out earthquake at 10:17 a.m. on October 17. Steve encouraged everyone to take one minute of the year to practice earthquake safety. The tri-annual update of the UW Comprehensive Emergency Management Plan (CEMP) has now been closed and those comments are being reviewed. The CEMP will have institutional signatures that include the President, Provost, and both Chancellors from UW Bothell and UW Tacoma. Steve was invited to speak about emergency preparedness at a meeting with the Board of Deans and Chancellors on September 5. The Provost is a strong advocate of safety and wants to see safety initiatives completed over specific time intervals.

UWPD – Lt. Chris Jaross updated the committee about the fire at UWMC on October 2. The fire involved the storage of lithium ion batteries used for patient tracking devices.

Faculty Senate - Leslie Colby reported the next Faculty Senate meeting will be on October 17 and solicited safety topics from the U-wide members that she could take to the Faculty Senate.

UW Facilities (UWF) – Chris Pennington reported that UW Facilities will be the only members in Group 2 starting next year. UW Facilities will complete elections by the end of November.

8. EH&S Updates

Angelina Haggard thanked the committee for their efforts regarding the upcoming health and safety committee elections. She said that the committee attendance will be monitored in the new term, making sure the committees are in balance and the group is meeting quorum.



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The Health & Safety Committee dashboard is complete and available to view. Data is refreshed on the 10 of each month, starting with October 10. All committee chairs currently have access to the dashboard, but other committee members are welcome to request access via an email to Angie.

Katia provided on update on the following:

- EH&S partnered with the College of the Environment to conduct an on-site safety training class for small motorboat operators.
- EH&S hosted a Graduate Student Safety Seminar on September 24 with approximately 250 attendees.
- EH&S is currently reviewing resumes for a Laboratory Safety Specialist position awarded by the Provost's Office.
- EH&S is preparing for the Laboratory Safety Awards & Innovation event on December 9 in the HUB with Provost Mark Richards in attendance.
- EH&S is preparing the EH&S Annual Report.

Katia provided an update on the Harborview Medical Center radiation release incident. EH&S continues to support the continued recovery efforts along with the School of Medicine, HMC, and the University President's office among other departments. The Department of Energy (DOE) is onsite to allow for in-person review of their preliminary investigation report this week. EH&S and DOE came to an agreement on the clean-up approach, which will is more conservative than state and federal release limits.

Steve Charvat asked about outreach efforts once the clean-up is complete. Katia replied there is a team for media and outreach education. There will be training and information sessions for the employees. Past sessions have been held as well.

9. WA Labor & Industries Updates

L&I requested that EH&S investigate a reported concern related to working in specialized exhaust ventilation systems. EH&S and UWMC are conducting an investigation and will respond by the October 18 deadline.

10. Serious or Potentially Serious Incident Review

Erin McKeown provided updates on a few serious incidents, some of which had been discussed previously.

Erin stated that another serious bike accident occurred in front of the Roosevelt Building and was similar to the last accident. However, this time Transportation Services and Seattle Department of Transportation (SDOT) employees witnessed the accident while at the location considering design changes to the bus/shuttle stop and bike lane.

Erin indicated the EH&S CO₂ investigation is not yet complete. The CO₂ tank was weighed and a very small leak was confirmed. Christine Kang of UAW 4121 asked for a copy of the final report



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and asked if EH&S was developing an SOP for this process. Erin said she would follow up with Christine. The final report will be shared.

The South Lake Union campus waste disposal OARS report was raised. Katia gave an update for an incident, although not classified as a "Serious" incident, involving a contract custodian who improperly removed waste (biological and radiological) from some floors of the one building at the South Lake Union campus. EH&S completed radiological sampling to ensure no contamination was present on building surfaces. The waste dumpster is restricted and will be collected as regulated waste by a contractor. School of Medicine arranged for a vendor to clean the building surfaces. The EH&S medical director, biosafety office, and radiation safety offices responded to assess and provide communication to the occupants. This event is determined to be low risk to employees working in the building.

11. Good of the Order:--

12. Adjourn: Liz Kindred adjourned the meeting at 2:30 p.m.

ENVIRONMENTAL HEALTH & SAFETY UNIVERSITY of WASHINGTON

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

November 13, 2019 1 p.m. – 2:30 p.m. William H. Foege Bldg. N-130A

This meeting may be audio recorded for the purpose of taking meeting minutes.
Please notify EH&S if you have any question or concerns.

Agenda Item	Lead	Process	Time
Call to Order	Leslie Anderson, co-chair	Robert's Rules of Order	
Introductions	Committee Members	Discussion	5 min
Approval of Meeting Minutes	Leslie Anderson, co-chair	Robert's Rules of Order	5 min
Recognition: Paul Zuchowski	Leslie Anderson, co-chair and committee members	Discussion	15 min
U-Wide Charter Revision	Leslie Anderson, co-chair	Discussion	10 min
Organizational Group Reports and Election Update	Committee Members	Discussion	20 min
Union Reports	Union Representatives	Discussion	10 min
Ex-Officio Reports	Ex-Officio Members	Discussion	10 min
EH&S Updates	EH&S Staff	Discussion	10 min
Good of the Order	Leslie Anderson, co-chair	Discussion	5 min
Adjourned	Leslie Anderson, co-chair	Robert's Rules of Order	

Please send ideas for agenda items to the co-chairs Leslie Anderson and Liz Kindred at least 2 weeks prior to the regularly scheduled meeting.