

Draft Agenda – September 29, 2014
Group 9 Health and Safety Committee (College of Engineering)

1. Attending:

Chris Adams, MoES
Emma Alder, EH/S
Cassie Atkinson-Edwards, HCDE
Arne Biermans, ChemE
Tracy Erbeck, CSE
Michael Glidden, DO
Sonia Honeydew, BioE

Bill Kuykendall, ME
Sheila Prusa, ISE
Fiona Spencer, AA
Karen Wetterhahn, MSE
Sean Yeung, CEE
John Young, EE

2. Absent

3. Previous Meeting Minutes

- See attached

4. Department Incident Reports(from past)

- NA

5. Department Incident Reports(current)

- CEE – pinky finger crushed
- BioE – gas smell
- Campus - CSE – chemicals from Roberts Hall
- EE – fainting at MFF
- CEE – needle prick
- CEE – glass shattered in hallway
- - Ergonomic

6. UW Wide meeting

- August – midyear OARS reports
- September – outreach efforts

7. Department update

Draft Meeting Minutes – July 28, 2014
Group 9 Health and Safety Committee (College of Engineering)

1. Attending:

Chris Adams, MoIES
Emma Alder, EH/S
Cassie Atkinson-Edwards, HCDE
Tracy Erbeck, CSE
Michael Glidden, DO

Sonia Honeydew, BioE
Sean Yeung, CEE
Sheila Prusa, ISE
Fiona Spencer, AA
Karen Wetterhahn, MSE

2. Absent

Arne Biermans, ChemE
Bill Kuykendall, ME

John Young, EE

3. Previous Meeting Minutes

- See attached (2 meetings - approved)

4. Department Incident Reports(from past)

- NA

5. Department Incident Reports(current)

- CEE – Power strip: situation resolved
- BioE – Scissors and box: early in day / used wrong tool
- BioE – Ergonomic: follow up needed / discussion regarding chairs and desks

6. UW Wide meeting

- Transportation presentation

7. Department update

- MSE – NA
- CSE – NA
- ISA – NA
- EHS – NA
- BioE – security
- MoIES – NA
- HCDE – prowling, concerns for students, staff, faculty, and equipment / will follow up with UWPD
- CEE – prowling missing minor items
- DO – safe campus presentation
- UW wide – bikes in buildings

Accident Summary Report

HSC 9

7/1/2014 to 7/31/2014

<i>Case#</i>	<i>Org Name</i>	<i>Job Title</i>	<i>Date Reported</i>	<i>Employee Activity</i>	<i>Supervisor Corrective Action</i>
2014-07-076	CIVIL & ENVIR ENGINEER		7/23/2014	While standing on ladder, removing steel bearing (plates) from structural testing specimen, greased plate slipped from gloves, crushing right pinky finger. Immediately went to Hall Health, x-rayed, fracture found. Transferred to UWMC ER, treated and released.	Continued training of graduate and undergraduate students in how to deal with heavy steel plates.
2014-07-077	BIOENGINEERING		7/23/2014	In an e-mail, Sonia Honeydew reported: "[...] gasoline smell throughout Foegen North last Thursday. One of my labs on the fourth and fifth floors described it as "exhaust-like", and "possibly organic". We have been in touch with Gary Bangs about this. It lasted from 2:15pm to 2:45 or 2:55pm. It must have come in through air intakes for both Foegen North and South, as it could be smelled strongly outside on the east side of Foegen. Both air intakes are on the east side of Foegen. Facilities HVAC couldn't find any cause in the loading dock or surrounding areas. GNOM and BIOE supervisors had to make a tough call about whether to pull the fire alarms for evacuation - that's how bad it was."	



University of Washington Accident / Incident Report

Report Number: 2014-07-076

Contact EH&S at 206-543-7262

Person Reporting Incident

Last Name: YEUNG	First Name: JEREMY
Phone: +1 206 543-2547	Email: jsean@u.washington.edu
Occupation/Position: LABORATORY MANAGER	Department: CIVIL & ENVIR ENGR
Date Reported (yyyy/mm/dd): 2014/07/23	Time of Reporting: 10:26 AM

Person Involved or Affected

Last Name: [REDACTED]	First Name: [REDACTED]
Phone:	Email:
Occupation/Position:	Department: Undergraduate Student

Incident Details

Date of Incident (yyyy/mm/dd): 2014/07/14	Time of Incident: 10:00 AM	When Shift Begins: N/A
Campus: Seattle	Incident Location/Parking Lot: MORE HALL	
Room: 037	Other:	

Incident Details:

While standing on ladder, removing steel bearing (plates) from structural testing specimen, greased plate slipped from gloves, crushing right pinky finger. Immediately went to Hall Health, x-rayed, fracture found. Transferred to UWMC ER, treated and released.

Attachment: **No**

Supervisor

Last Name: BERMAN	First Name: JEFFREY
Phone: +1 206 616-3530	Email: jwberman@u.washington.edu
Occupation/Position: ASSISTANT PROFESSOR	Department: CIVIL & ENVIR ENGR

Classification

Level 1:
 Injuries requiring medical treatment (go to Level 3 if in-patient hospitalization is required),
 Injuries involving lost work days,
 Injuries requiring restricted work or job transfer,

Type of Incident

Nature of Injury: **Open Wound : Laceration, Puncture, Scratch, Contusion/Abrasion/Hematoma, Fracture/Dislocation, Pain/Inflammation/Edema,**

Body Parts Affected: **Fingers, Hands/Wrists,**

What caused the harm: **Struck by Object, Contact with Objects,**

Possible Causes

Equipment:

Environment: **Slippery/Uneven surface,**

Policies / Procedures: **Inadequate Support / Assistance,**

Human Factors:

Suggested corrective action by the affected party

Have two people participate when moving heavy objects.

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.)

The injured student was working with a graduate student at the time however only the injured student was attempting to move the plate. Both students should have been helping to move the plates.

Recommendations/Preventive Measures:

Continued training of graduate and undergraduate students in how to deal with heavy steel plates.

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

2014/08/05

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

Other Comments:

Working with our lab manager to improve student training in maneuvering heavy plates.

EHS Review

Last Name:

First Name:

Phone Number:

Email:

Occupation/Position:

Department:

Comments:



University of Washington Accident / Incident Report

Report Number: 2014-07-077

Contact EH&S at 206-543-7262

Person Reporting Incident

Last Name: ALDER	First Name: EMMA
Phone: +1 206 221-2852	Email: ealder@uw.edu
Occupation/Position: HEALTH AND SAFETY PROGRAMS SPECIALIST	Department: ENV HEALTH & SAFETY
Date Reported (yyyy/mm/dd): 2014/07/23	Time of Reporting: 01:10 PM

Person Involved or Affected

Last Name: Building	First Name: Occupants
Phone:	Email:
Occupation/Position:	Department: Public

Incident Details

Date of Incident (yyyy/mm/dd): 2014/07/17	Time of Incident: 2:15 PM	When Shift Begins: N/A
Campus: Seattle	Incident Location/Parking Lot: W. H. FOEGE.	
Room:	Other:	

Incident Details:

In an e-mail, Sonia Honeydew reported:

"[...] gasoline smell throughout Foege North last Thursday. One of my labs on the fourth and fifth floors described it as "exhaust-like", and "possibly organic". We have been in touch with Gary Bangs about this. It lasted from 2:15pm to 2:45 or 2:55pm. It must have come in through air intakes for both Foege North and South, as it could be smelled strongly outside on the east side of Foege. Both air intakes are on the east side of Foege. Facilities HVAC couldn't find any cause in the loading dock or surrounding areas. GNOM and BIOE supervisors had to make a tough call about whether to pull the fire alarms for evacuation - that's how bad it was."

Attachment: **No**

Supervisor

Last Name: HONEYDEW	First Name: SONIA
Phone: +1 206 543-6127	Email: soniah2@u.washington.edu
Occupation/Position: PROGRAM OPS SPEC	Department: BIOENGINEERING

Classification

Level 1:
Incidents with no body injuries,

Type of Incident

Nature of Injury: **None,**

Body Parts Affected: **None,**

What caused the harm: **None,**

Possible Causes

Equipment: **Other,**

Environment: **Air Contaminants, Chemicals,**

Policies / Procedures: **Other,**

Human Factors: **Other,**

Suggested corrective action by the affected party

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.)

In an e-mail from Gary Bangs on 7/25/2014, Gary indicated "EH&S was notified on Friday, July 18, 2014 of an odor which occurred Thursday, July 17 about 2 pm near or around the outside of Foege Building. A strong, gasoline-like odor entered the building and caused some occupants to leave. Facilities and Capital Projects did not locate a source or any obvious activity nearby. There are a number of commercial boat works just south of the building, and a gasoline spill could have occurred. Building coordinators have been asked to promptly report unusual odors, especially if causing health effects, to EH&S as well as Facilities, in the hope of identifying and controlling the source."

Recommendations/Preventive Measures:

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

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

Other Comments:

EHS Review

Last Name: **ALDER**

First Name: **EMMA K**

Phone Number: **+1 206 221-2852**

Email: **ealder@uw.edu**

Occupation/Position:

Department:

Comments: **Forwarded to Gary Bangs and Mark Murray for review. 7/23/2014 - Emma Alder**

REPORT | Odor Incidents

Seattle Campus

July 31 and August 1, 2014

Reported by:

Diana Zumba, Fire and Life Safety Professional

Mark D. Murray, PE, Assistant Director – Building and Fire Safety

Initial report reviewed by:

Jude Van Buren - Director
Environmental Health and Safety

August 4, 2014

Amended August 8, 2014

Purpose

The purpose of this report is to evaluate the response of employees, students, and first responders to a set of recent incidents on the Seattle campus that occurred on July 31st and August 1st and provide recommendations to help improve emergency response, personal safety, and facility safety. This report also records the incidents for statistical purposes.

General

The information in this report is based on observations by EH&S staff while on the scene during the second incident and subsequent investigations. Gary Bangs, a senior industrial hygienist and the Facility and Health Manager with EH&S, visited the scene on the second day. EH&S staff Diana Zumba and John Eriksen, assisted with response to the calls and subsequent investigations. Dave Lundstrom, Assistant Director for Environmental Programs, reported the incident to upper management as information became available.

Incident

July 31, 2014

At approximately 11:50 AM on Thursday, July 31, the University of Washington Police Department (UWPD) responded to multiple reports of an unknown odor in the vicinity of Mueller Hall and surrounding buildings. Five buildings were evacuated including More Hall, Mueller Hall, Roberts Hall, Wilson Annex and part of the Health Sciences Center (HSC) BB wing. Seattle Fire Department (SFD) Engine 17 initially responded to the alarm activations and called for additional units to determine the cause of the odor. Ladder 9, Engine 38, and Battalion 6 responded. Facilities Services Unit 2 (FOMS) and University of Washington Emergency Management (UWEM) also responded. Although the source of the odor had not been determined, it had dissipated and SFD believed it to be an isolated incident. They cleared the scene at 12:43 PM. FOMS and UWPD stayed on scene another 20 minutes to assist in traffic and resetting the fire alarm panels.

UWPD reported that EH&S had responded to the incident, but in retrospect it appears the UWPD had confused UWEM personnel with EH&S. As a result EH&S did not receive notice and did not send a representative to the scene. EH&S learned of the incident by monitoring UWPD radio, a standard practice during business hours in our fire safety unit. EH&S also learned about the event from numerous occupant calls after the event had ceased and it was assumed the release of the odor came from natural gas at the power plant. EH&S staff on call reported the incident to Health Sciences Administration that afternoon.

August 1, 2014

At approximately 12:30 PM on Friday August 1, the EH&S main reception received a call reporting a strong natural gas odor at More Hall, although UWPD received their first call from Computer Science/Allen building at 12:31. Individuals on scene were directed to contact UWPD and activate the fire alarm system using a manual pull station in order to evacuate the building. Gary Bangs responded to the scene as did FOMS. In total, four buildings were evacuated including Roberts, More, and Mueller Halls, and Computer Science Engineering (CSE). Reports of odors also came in from individuals in Bagley Hall and the Chemistry Building. Odors were reported as far south as the Health Science Center (HSC). SFD Ladder 9 responded at 12:31, followed by Engine 17 and Battalion 6. SFD requested Puget Sound Energy (PSE) to respond speculating it was a natural gas leak. Again, the odor appeared to be dissipating after about 1:00 pm so at 1:31 pm the emergency response portion of the incident was terminated and occupants were allowed to re-enter the building.

Shortly before 2:00 pm, Gary Bangs entered Roberts Hall and more closely investigated the incident. He checked the roof vents with Facilities Services (FS) staff and they were able to trace a similar odor to a fume hood and contacted the associated lab. Several FS representatives, the building coordinator, and Gary all believed that the odor was very similar to the odor detected outside on the ground. Gary then was able to access the lab and speak with the staff. Olivia Lenz, a researcher in the Krishnan lab, stated she was running a reaction (Grignard's) to produce a diselenide compound. These compounds are reportedly extremely pungent as well as moderately toxic, and the smell is similar to the mercaptan-like smell of natural gas. Also in the lab at the time was Hamed Arami, the safety officer for the Krishnan labs. The lab staff was advised to discontinue the chemical process until it could be reviewed by other EH&S personnel.

Discussion

Gas odors on campus are fairly common but rarely are they this large and have such a significant impact to operations. When contacted about how to respond to the smell of gas, EH&S will advise callers to evacuate the building and call 911 if the gas smell is strong and persistent. If the smell is faint and/or periodic, we refer the calls to Facilities Services for investigation. EH&S staff respond to determine if there are adverse health risks and if operations should be abated.

For these incidents EH&S received a number of calls and EH&S followed protocol and instructed at least two buildings to evacuate; Wilson Annex on Thursday and More Hall on Friday.

While no clear source for these two incidents has been determined, the probable source is the laboratory (room 129) in Roberts Hall where researchers were performing a Grignard reaction within a fume hood. According to the researcher this reaction has been conducted five times over the past several months including 7/31/14 and 8/1/14.

Some reagents and byproducts are extremely odorous even when diluted to less than one part per million. The chemical reaction performed in Roberts Hall include chemicals that have a very low odor threshold, meaning individuals can smell the chemical at very low levels without long-term adverse health effects. (Attached is list of "stench chemicals" from the University of Minnesota as well as procedures to diminish these byproducts and their odors).

Fume hoods are designed to dilute and disperse fumes and vapors well above the roofline so that they are not harmful. Upon initial observation there is no indication that this hood is underperforming; it was tested in July, 2014 and passed its inspection. But a fume hood alone is not always enough ventilation to dilute and disperse a chemical with such a strong odor.

Coincidentally on July 31, at the time of the first event, the power plant was performing annual boiler testing which releases gas at the roof level of the building. This procedure includes a purge of the boiler(s), safety interlock tests and over pressurization relief valve tests. Initially this test was thought to be the source of the event but it is now considered to be very unlikely since this test occurs annually and there has never been an odor issue during past tests. Also, considering the event occurred twice in two days at the same time when the research was underway on both days, it is highly probable that the research using this chemical process is the source of this odor. The power plant testing was limited to Thursday, July 31st.

Damage

There are no known damages, other than the loss of research and academic time and inconvenience due to the evacuations.

Health Effects

A number of people in CSE reported headaches and nausea from the odor but no other health impacts have been reported. There were no hospitalizations to our knowledge but we may learn more from accident/incident reports of affected individuals.

The Safety Data Sheets from a manufacturer (Sigma-Aldrich) of Di-tert-butyl selenide, the substance which was believed to be the product of the chemical reaction used in the research laboratory, states that health effects from acute exposure at very high levels can have adverse central nervous system effects including nervousness and drowsiness. Common side effects can include nausea, headache and vomiting. Chronic poisoning from selenium can pose much greater severe health effects, but it is not believed that the exposure was elevated nor long-lasting during these two incidents.

Actions/Recommendations

1. EH&S is working with the researchers in Roberts Hall to review their processes to prevent future incidences. The researcher is now away on travel for two months but her plans are to continue with her work upon return and approval. She will not proceed without approval.
2. EH&S will evaluate laboratory procedures and determine if this activity is at research scale rather than production scale and is appropriate for this facility. We will also investigate the possibility of using an alternate material or purchasing rather than manufacturing the product.
3. EH&S will also review the ventilation system including the performance of the fume hood system to confirm it is capturing and effectively dispersing the fumes. Fume stack height, discharge velocity, and proximity to air intakes and operable windows will be evaluated. We will also obtain the three other dates when this research was conducted to determine if any odor complaints were reported.
4. EH&S will evaluate the effectiveness of fume hood dilution and dispersion for the specific materials being used and produced. It may be necessary to effectively scrub this reaction to reduce its odor at the source before releasing it into the fume hood. The need for this additional step is uncommon but necessary in some cases. An example is outlined in the attachment.
5. UWPD needs to notify EH&S of incidents involving hazardous materials as soon as possible so that we may investigate and assess if a health risk exists.
6. There was no UW Alert issued for either of these two events. UWPD and UW Emergency Management informed EH&S that the criteria for an Alert are imminent threats to health or safety. They did not consider these events as a threat to the community.
7. A review of the laboratories using extremely pungent chemicals should be conducted and procedures established to prevent a similar incident.

This report is being distributed to parties involved in and responding to, as well as units that were affected by this incident. If you as a recipient of this report have feedback or plan to take some action in response to the recommendations below please contact Mark Murray, Assistant Director, at mmurray@UW.edu.

Distribution:

Steve Charvat, Director, Emergency Management
Randall West, Chief Deputy, UW Police
John Chapman, Executive Director, Campus Engineering and Operations
Jude Van Buren, Director, EH&S
David Anderson, Executive Director, HSA
EHS Management Team
Mark Kirshenbaum, Assistant Director, Campus Utilities
Michael Glidden, Facilities Specialist, College of Engineering
Sean Yeung, Laboratory Manager, Civil & Environmental Engineering
Patricia Riley, Senior Associate Administrator, UWMC Administration

Accident Summary Report

HSC 9

8/1/2014 to 8/31/2014

<i>Case#</i>	<i>Org Name</i>	<i>Job Title</i>	<i>Date Reported</i>	<i>Employee Activity</i>	<i>Supervisor Corrective Action</i>
2014-08-027	COMPUTER SCIENCE & ENGR	[REDACTED]	8/8/2014	adverse reaction to Roberts Hall chem fume release	The situation was caused by an external release of gas from a lab in another building. However, we were not informed of the details of the situation or told how to respond to it. In the future, we need more information and we need somebody who is knowledgeable in environmental issues to be available to tell us what to do.
2014-08-030	ELECTRICAL ENGINEERING	SR. MICROFABRIC ATION ENGINEER	8/11/2014	[REDACTED] was shadowing Scott Heron in the Washington Nanofabrication Facility on Monday, August 11th. While watching a demonstration of photolithography, [REDACTED] began to feel dizzy and her vision began to get hazy. She sat down, hoping that would make her feel better. That did not work, so she stood up, then sat down again. She decided she needed to leave the lab, and then told Erik Nilsson that she was going to leave. She took approximately two steps, then fainted. Erik caught her on the way down. She woke up a few seconds later, and is now feeling better.	
2014-08-048	CIVIL & ENVIR ENGR	PREDOC RES ASSOC 1	8/18/2014	Pricked with needle, which was protruding from used pipet tip box. Person involved was cleaning up mess left by another individual, and did not place needle into improper waste receptacle.	Propoer disposal of sharps and hard plastics should be reviewed with the users of the area. The importance of closing disposal containers when full should additionally be reviewed.
2014-08-057	CIVIL & ENVIR ENGR		8/21/2014	Two empty glass bottles dropped in hallway and shattered. Bottles lost balance on a tray being held in one hand. Bottles were contaminated by low concentrations of Cryptosporidium parvum oocysts. Hallway was not in use due to time of day. Glass and liquid remained on the ground prior to disinfection. Disinfectant not readily available. However, ozone was generated to disinfect floor of hallway (30 min contact time). PI and grad student present for clean-up. All waste disposed as biohazardous waste.	We have re-evaluated procedures for transporting biohazardous agents between labs, and will now ensure that whenever transport is necessary, samples will always be carried within breakage- and chemical-resistant secondary containment. In addition, anytime transport of biohazardous materials is required, the route of transport will be carefully evaluated in advance to ensure that the risk of accidents is minimized. Undergraduates will be accompanied by a graduate student or the PI at all times when handling or otherwise coming into contact with biohazardous materials. In the future, in order to ensure that Sporox is always on hand in the event of a spill, we will keep a minimum of two 1 gallon containers on hand (one open/one closed) - always making sure to order a new bottle once less than 1/2 gallon of Sporox remains in the open container.



University of Washington Accident / Incident Report

Report Number: 2014-08-027

Contact EH&S at 206-543-7262

Person Reporting Incident

Last Name: [REDACTED]	First Name: [REDACTED]
Phone: +1 [REDACTED]	Email: [REDACTED]
Occupation/Position: [REDACTED]	Department: COMPUTER SCIENCE & ENG
Date Reported (yyyy/mm/dd): 2014/08/08	Time of Reporting: 11:27 AM

Person Involved or Affected

Last Name: [REDACTED]	First Name: [REDACTED]
Phone: +1 [REDACTED]	Email: [REDACTED]
Occupation/Position: [REDACTED]	Department: COMPUTER SCIENCE & ENG

Incident Details

Date of Incident (yyyy/mm/dd): 2014/08/01	Time of Incident: 12:30 PM	When Shift Begins: N/A
Campus: Seattle	Incident Location/Parking Lot: ALLEN CENTER FOR	
Room: all	Other:	

Incident Details:
adverse reaction to Roberts Hall chem fume release
 Attachment: Yes

Supervisor

Last Name: LEVY	First Name: HENRY
Phone: +1 206 543-9204	Email: levy@cs.washington.edu
Occupation/Position: Professor and Chair	Department: COMPUTER SCIENCE & ENG

Classification

Level 1:
 Incidents with no body injuries,
 Injuries involving lost work days,

Type of Incident

Nature of Injury: Mental/Emotional Distress, Allergy/Sensitivity Reaction, Other,
 Body Parts Affected: Head, Nose, Other,
 What caused the harm: Chemicals,

Possible Causes

Equipment:
 Environment: Air Contaminants,
 Policies / Procedures:
 Human Factors:

Suggested corrective action by the affected party

?? we would like more info on this exposure and the chemicals involved. Aside for the havoc of building evacuation, we had staff/students who were physically ill from the exposure. I still do not have adequate information for those who were affected.

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.)

While we have seen a preliminary copy of an investigative report, we still don't feel we have sufficient information about what occurred and the process used to handle the situation.

Recommendations/Preventive Measures:

The situation was caused by an external release of gas from a lab in another building. However, we were not informed of the details of the situation or told how to respond to it. In the future, we need more information and we need somebody who is knowledgeable in environmental issues to be available to tell us what to do.

Corrective Actions Target Date (yyyy/mm/dd):
2014/09/01

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

Other Comments:

Corrective actions are not our responsibility -- incident did not result from a problem in this building but in another building. However, we feel that incident could have been handled better w.r.t. the information we were provided, and this has been examined in a campus report.

EHS Review

Last Name:CORDTS

First Name:STUART T

Phone Number:+1 206 616-3442

Email:scordts@uw.edu

Occupation/Position:

Department:

Comments:Forwarded to Gary Bangs and Mark Murray (EH&S) for iaq information. Stuart Cordts, 8/11/2014.



University of Washington Accident / Incident Report

Report Number: 2014-08-030

Contact EH&S at 206-543-7262

Person Reporting Incident

Last Name: LINGLEY	First Name: ANDREW
Phone:	Email: alingley@uw.edu
Occupation/Position: SR. MICROFABRICATION ENGINEER	Department: ELECTRICAL ENGINEERING
Date Reported (yyyy/mm/dd): 2014/08/11	Time of Reporting: 11:04 AM

Person Involved or Affected

Last Name: [REDACTED]	First Name: [REDACTED]
Phone:	Email:
Occupation/Position:	Department: Public

Incident Details

Date of Incident (yyyy/mm/dd): 2014/08/11	Time of Incident: 10:45 AM	When Shift Begins: N/A
Campus: Seattle	Incident Location/Parking Lot: FLUKE HALL	
Room: 125	Other:	

Incident Details:

[REDACTED] was shadowing Scott Heron in the Washington Nanofabrication Facility on Monday, August 11th. While watching a demonstration of photolithography, **[REDACTED]** began to feel dizzy and her vision began to get hazy. She sat down, hoping that would make her feel better. That did not work, so she stood up, then sat down again. She decided she needed to leave the lab, and then told Erik Nilsson that she was going to leave. She took approximately two steps, then fainted. Erik caught her on the way down. She woke up a few seconds later, and is now feeling better.

Attachment: **No**

Supervisor

Last Name: KHBEIS	First Name: MICHAEL
Phone: +1 206 543-5101	Email: khbeis@uw.edu
Occupation/Position: ASSOCIATE DIRECTOR MICROFABRICATION FACILITY	Department: ELECTRICAL ENGINEERING

Classification

Level 1:
Loss of consciousness,

Type of Incident

Nature of Injury: **Loss of Consciousness,**

Body Parts Affected: **None,**

What caused the harm: **None, Other,**

Possible Causes

Equipment:

Environment: **Heat Stress,**

Policies / Procedures:

Human Factors:

Suggested corrective action by the affected party

Pay attention to body indicators. Cool off on hot days before entering lab.

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.)

Recommendations/Preventive Measures:

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

Other Comments:

EHS Review

Last Name: First Name: Phone Number: Email:

Occupation/Position: Department:

Comments:



University of Washington Accident / Incident Report

Report Number: 2014-08-048

Contact EH&S at 206-543-7262

Person Reporting Incident

Last Name: YEUNG	First Name: JEREMY
Phone: +1 206 543-2547	Email: jsean@u.washington.edu
Occupation/Position: LABORATORY MANAGER	Department: CIVIL & ENVIR ENGR
Date Reported (yyyy/mm/dd): 2014/08/18	Time of Reporting: 04:13 PM

Person Involved or Affected

Last Name: ██████████	First Name: ██████████
Phone:	Email: ████████████████████
Occupation/Position: PREDOC RES ASSOC 1	Department: CIVIL & ENVIR ENGR

Incident Details

Date of Incident (yyyy/mm/dd): 2014/08/18	Time of Incident: 2:00 PM	When Shift Begins: N/A
Campus: Seattle	Incident Location/Parking Lot: MORE HALL	
Room: 319A	Other:	

Incident Details:

Pricked with needle, which was protruding from used pipet tip box. Person involved was cleaning up mess left by another individual, and did not place needle into improper waste receptacle.

Attachment: **No**

Supervisor

Last Name: GOUGH	First Name: HEIDI
Phone: +1 206 685-2591	Email: hgough@u.washington.edu
Occupation/Position: RESEARCH ASSISTANT PROFESSOR	Department: CIVIL & ENVIR ENGR

Classification

Level 1:
Injuries requiring first aid,

Type of Incident

Nature of Injury: **Needlesticks/Sharps,**

Body Parts Affected: **Fingers,**

What caused the harm: **Contact with Objects, Needles/Sharps,**

Possible Causes

Equipment:

Environment: **Poor Housekeeping, Sharp Objects,**

Policies / Procedures:

Human Factors:

Suggested corrective action by the affected party

Better housekeeping in lab, reminder to all personnel that needles belong in sharps containers.

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.)

Inspection of the work area revealed that needles were being improperly disposed in containers designed for pipette tips. Disposal containers were overfull. The injury occurred to someone who does not use that area frequently so that she had assumed that only hard plastics were present in the disposal container.

Recommendations/Preventive Measures:

Proper disposal of sharps and hard plastics should be reviewed with the users of the area. The importance of closing disposal containers when full should additionally be reviewed.

Corrective Actions Target Date (yyyy/mm/dd):
2014/08/22

Corrective Actions Complete Date (yyyy/mm/dd):
2014/08/19

Other Comments:

Lab coordinator and I have reviewed the disposal procedures with the student using the area. This student will work with lab coordinator to ensure that all sharps in the area are properly disposed, and will use proper containers in the future.

EHS Review

Last Name: **CORDTS**

First Name: **STUART T**

Phone Number: **+1 206 616-3442**

Email: **scordts@uw.edu**

Occupation/Position:

Department:

Comments: **Forwarded to oh nurse (Judy Cashman) and emphlth (Suzanne Mason) for review as to whether infectious materials may be present. Stuart Cordts, 8/20/2014.**



University of Washington Accident / Incident Report

Report Number: 2014-08-057

Contact EH&S at 206-543-7262

Person Reporting Incident

Last Name: YEUNG	First Name: JEREMY
Phone: +1 206 543-2547	Email: jsean@u.washington.edu
Occupation/Position: LABORATORY MANAGER	Department: CIVIL & ENVIR ENGR
Date Reported (yyyy/mm/dd): 2014/08/21	Time of Reporting: 10:27 AM

Person Involved or Affected

Last Name: [REDACTED]	First Name: [REDACTED]
Phone:	Email:
Occupation/Position:	Department: Undergraduate Student

Incident Details

Date of Incident (yyyy/mm/dd): 2014/08/08	Time of Incident: 5:30 PM	When Shift Begins: N/A
Campus: Seattle	Incident Location/Parking Lot: MORE HALL	
Room: 300P	Other:	

Incident Details:

Two empty glass bottles dropped in hallway and shattered. Bottles lost balance on a tray being held in one hand. Bottles were contaminated by low concentrations of *Cryptosporidium parvum* oocysts. Hallway was not in use due to time of day. Glass and liquid remained on the ground prior to disinfection. Disinfectant not readily available. However, ozone was generated to disinfect floor of hallway (30 min contact time). PI and grad student present for clean-up. All waste disposed as biohazardous waste.

Attachment: No

Supervisor

Last Name: DODD	First Name: MICHAEL
Phone: +1 206 685-7583	Email: doddm@u.washington.edu
Occupation/Position: ASSISTANT PROFESSOR	Department: CIVIL & ENVIR ENGR

Classification

Level 1:
Incidents with no body injuries,

Type of Incident

Nature of Injury: **Exposure to Potential Infectious Material,**

Body Parts Affected: **None,**

What caused the harm: **Bio-hazardous Materials/Infectious Diseases, Other,**

Possible Causes

Equipment: **Using Equipment Improperly, Improper Equipment,**

Environment:

Policies / Procedures: **Inadequate Instructions / Procedures, Inadequate Planning / Preparation, Inadequate Support / Assistance,**

Human Factors: **Loss of Balance, Rushing,**

Suggested corrective action by the affected party

No multitasking (especially holding heavy trays with one hand). Plan paths when walking with biohazardous materials.

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.)

As indicated above, this incident was primarily a result of rushing/multi-tasking and loss of balance, combined with inadequate planning and assistance with transport of biohazardous materials within the laboratory facilities, and deficiencies in the procedures for handling cleanup. At the time of cleanup, our stock of the disinfecting agent Sporox, which was intended as the primary agent for cleanup of biohazardous spills, had been depleted and was due for replenishment (though O3 was used successfully as an alternative).

Recommendations/Preventive Measures:

We have re-evaluated procedures for transporting biohazardous agents between labs, and will now ensure that whenever transport is necessary, samples will always be carried within breakage- and chemical-resistant secondary containment. In addition, anytime transport of biohazardous materials is required, the route of transport will be carefully evaluated in advance to ensure that the risk of accidents is minimized. Undergraduates will be accompanied by a graduate student or the PI at all times when handling or otherwise coming into contact with biohazardous materials. In the future, in order to ensure that Sporox is always on hand in the event of a spill, we will keep a minimum of two 1 gallon containers on hand (one open/one closed) - always making sure to order a new bottle once less than 1/2 gallon of Sporox remains in the open container.

Corrective Actions Target Date (yyyy/mm/dd):
2014/08/18

Corrective Actions Complete Date (yyyy/mm/dd):
2014/08/22

Other Comments:

EHS Review

Last Name:CORDTS

First Name:STUART T

Phone Number:+1 206 616-3442

Email:scordts@uw.edu

Occupation/Position:

Department:

Comments:Forwarded to ohnurse (Judy Cashman) and emphlth (Suzanne Mason) for review as to potential for infection. Stuart Cordts, 8/21/2014. Judy Cashman replied back: "I reviewed this with Eric {Stefansson-EH&S Biosafety}, and no further follow-up is needed by EH&S." Stuart Cordts, 8/25/2014.

University-Wide Health and Safety Committee Meeting Minutes

July 9, 2014 1:00-2:30 pm
Foegen 130A

	Elected Membership		Appointed Membership		Guests
X	Leslie Anderson (1)		Paul Zuchowski (3)	X	Ed Havey, EH&S
X	Ryan Hawkinson (1)		Bob Ennes (4)	X	Sheryl Schwartz, EH&S
	Paula Lukaszek (2)	X	Nadia Khan (4)-alternate	X	Gabe Han, EH&S
	Sterling Luke (2)		Nicole Sanderson (7)	X	Paul Miller (6)
X	Sara Jones (3)		Michael Glidden (9)	X	Celeste Gilman, Transportation Services
	Glenn McLean (4)	X	David Zuckerman (10)	X	Ted Sweeney, Transportation Services
	John Martin (6)	X	Liz Kindred (12)		
	Ron Maxell (6)		Rob Hinton (12)		
	Charlotte Rasmussen (7)				
	Zachary Druce (8)				
	Stephen Rondeau (8)				
X	Sonia Honeydew (9)				
X	Roy Farrow (10)				
	Kathy Newell (10)				
	Rick Gleason (Faculty Senate)				
	Labor Representation		Ex Officio Membership		Support
	Doug Nielson WFSE Local 1488	X	Michelle Doiron Attorneys General Office		Jude Van Buren, Director, EH&S
X	Joel McCulloch SEIU Local 1199		Tracey Mosier Facilities Services	X	Katia Harb, Asst. Director, EH&S
	Laura Harrington SEIU 925		Wendy Winslow-Nason Risk Management	X	Sherry Baron, EH&S Technical
	Peter Johnston UAW 4121	X	Ron Fouty Capital Projects	X	Emma Alder, EH&S Minutes
*X= Present at meeting					

Agenda

1. Call to Order
 2. Approval of June Minutes
 3. Transportation Committee Presentation
 4. Vote for Representation of Transportation Committee on U-Wide
 5. Organizational Group Reports
 6. Union Reports
 7. EH&S Reports
 8. Open Discussion
 9. Adjourn
-

Recorded: by Emma Alder

1. **Call to Order:** Meeting called to order at 1:07 PM by Leslie Anderson. Introductions were made around the room.
2. **Approval of June Minutes:** Leslie asked for a motion to approve the June minutes as written. A change to the attendance was requested. A motion to approve the minutes as amended was put forward and seconded. The minutes were approved as amended.
3. **Transportation Committee Presentation:** Celeste Gilman began the presentation by outlining the goal of the Transportation Committee: to facilitate how different modes of transportation can intersect safely with the UW community. Ted Sweeney continued the presentation by discussing the challenges of improving transportation safety within a pedestrian-centered environment. The goal everyone shares is to get where we need to go quickly and efficiently. Ted outlined key factors impacting safety such as speed, attention, and visibility. He then gave a recap of the Step Smart campaign, which had the goal of supplying people on foot with actionable tips for “defensive walking.” For this campaign, the committee put signage and information at particularly hazardous intersections that encouraged pedestrians to make eye contact with bicyclists/drivers and to unplug from their devices. Ted gave an overview of some upcoming construction projects for the Burke Gilman trail throughout campus that should increase safety for the trail users and anyone who may cross the trail at numerous “high conflict” areas. The presentation ended with a discussion on how to improve hazardous areas within campus, where bikes may be at conflict with pedestrians. Ideas were given as to how to inform and encourage bicyclists to either dismount or ride slowly through high-pedestrian areas. Ted and Celeste encouraged committee members to send any concerns or questions regarding transportation safety to their committee. Celeste will send links for the e-mail sign-up list for transportation services.
4. **Vote for Representation of Transportation Committee on U-Wide Committee:** Leslie opened a discussion on how the U-Wide committee could benefit from a representative of the Transportation Committee. A motion was put

forward for the addition of a Transportation Committee member to the U-Wide committee as an ex-officio member. The motion was seconded and approved unanimously.

5. Organizational Group Reports:

- a. **Group 1:** Ryan Hawkinson reported that Group 1 did not meet in July.
- b. **Group 2:** Ron Fouty reported that the last meeting for Group 2 was small. The OARS reports were reviewed and the committee engaged in a discussion regarding laboratory safety for facility services employees.
- c. **Group 3:** Sara Jones reported that Group 3 reviewed their OARS reports. A majority of the reports involve cuts within food services; their recommendations include slowing down, watching the task at hand, and using safety measures currently in place.
- d. **Group 4:** Bob Ennes reported that the Group 4 committee discussed active shooter training resources to better educate the committee members and their respective departments. There were 19 OARS reports reviewed. The committee continues to educate employees to not move people directly to hospital and instead call 911 and wait for the emergency response to arrive.
- e. **Group 6:** Sherry Baron reported that Paul Miller will be stepping in as the interim chair for Group 6 for John Martin.
- f. **Group 7:** No members present.
- g. **Group 8:** No members present.
- h. **Group 9:** Sonia Honeydew reported that Group 9 also discussed active shooter and violence prevention training options for employees. Their committee also discussed that some departments are using computer program that creates a panic button on an employee's computer. An employee can use the button in the event of an emergency and it will alert employees in nearby offices who also have the program. Sonia will share the information for this program with the U-wide committee.
- i. **Group 10:** David Zuckerman reported that Group 10 conducted their meeting at the Access Technology Center. The committee learned of the equipment available for computer users with disabilities or employees that need ergonomic improvements to their workstations.
- j. **Group 12:** Liz Kindred reported that at the most recent Group 12 meeting a presentation was given on Consolidated Laundry's linen safety program. They discussed the hazards associated with processing high volumes of laundry for the hospitals and what measures have been implemented to reduce these hazards.
- k. **Faculty Senate:** Representative not present.

6. Union Reports

- a. **SEIU Local 925:** Representative not present.
- b. **SEIU Local 1119:** Joel McCulloch reported that a current issue within the union is ensuring that nurses are getting the breaks they need while working. Joel also informed the committee of a recent procedural change for Airlift Northwest; in order to decrease the time it takes to offload

patients from the helicopter they will be moving towards offloading under moving blades. This project will be done in stages to ensure proper and safe rollout. The union will be monitoring the project to ensure that the change does not create an increased risk to employees.

- c. **UAW 4121**: Representative not present.
- d. **WFSE Local 1488**: Representative not present.

7. EHS Updates

- a. **L&I Updates** – Sherry Baron reported that the most recent L&I violations for the Drama Scene Shop investigation arrived and will be included on the spreadsheet for the August U-Wide meeting.
- b. **Staffing Update**: Sheryl Schwartz introduced Ed Havey as the new ergonomist. He has an extensive background, including experience at a large scale university. One of the goals is to work with the diverse UW community to identify the problems and implement solutions. Ed discussed his hope to develop effective and sustainable program that would take a world-class approach. He will be conducting one on one assessments and small scale projects to get a feel for the university operations. He will also be reaching out to stakeholders to determine the needs and wants of the university. Sheryl added he has a bigger picture training as occupational, health, and safety and will be using a holistic approach to the development of an ergonomic program that intersects with other aspects of safety.

8. **Open Discussion**: Leslie Anderson opened the discussion by bringing up a reported concern regarding bikes within buildings. Although the practice is against the law, bikes are being stored within building and also, at times, ridden through a building. Leslie asked for advice and suggestions from committee members. The committee discussed what motivates employees to bring bikes indoors, methods they have implemented to remove bikes once they have been brought inside, and enforcement options to stop the behavior. By creating more storage options or increasing the security around existing storage, people may be less inclined to bring their bikes indoors. Once the bikes make their way inside, one member found it occasionally effective to tag bikes with signs indicating that bikes are not allowed indoors. A few more ideas were discussed, one of which thought it might be useful to implement a bike impound of some sort. Bikes found indoors would be taken to an area or booted, so that the rider would need to pay or go out of their way to get their bike back. The UW Police Department is an option for enforcement; one member reminded the committee that posting the WAC prohibiting bikes indoors makes enforcement easier. Another member proposed that the responsibility for enforcement should fall on the supervisors of the employees who are breaking the law.

9. **Meeting Adjournment**: Leslie Anderson adjourned the meeting at 2:26 PM.

University-Wide Health and Safety Committee Meeting Agenda

August 13, 2014

1:00 – 2:30 PM

William H. Foege N-130A

Regular Attendees:

- 2014 University-Wide Health and Safety Committee Members
(<http://www.ehs.washington.edu/ohssafcom/groups.shtm>)
- Jude Van Buren, Katia Harb, Sherry Baron, Emma Alder, EH&S

Agenda Items	Persons Responsible	Process	Time
Call to Order and Introductions	Sara Jones, Co-Chair		
Approve July Minutes	Sara Jones, Co-Chair	Robert's Rules of Order	5 min
OARS 2014 Midyear Update	Stuart Cordts	Presentation	20 min
Organizational Group Reports	Committee Members	Discussion	15 min
Union Reports	Union Representatives	Discussion	10 min
EH&S Reports	Sherry Baron: L&I Update Katia Harb: SHEMA Update	Presentation	10 min
Disseminating Information	Committee Members	Discussion	15 min
Open Discussion Topics	Committee Members	Discussion	15 min
Adjourn	Sara Jones	Robert's Rules of Order	

Next Meeting: 9/10/2014 – William H. Foege N-130A

University-Wide Health and Safety Committee Meeting Minutes

August 13, 2014 1:00-2:30 pm
Foegen 130A

	Elected Membership		Appointed Membership		Guests
	Leslie Anderson (1)	X	Paul Zuchowski (3)	X	Stuart Cordts, EH&S
X	Ryan Hawkinson (1)		Bob Ennes (4)		
X	Paula Lukaszek (2)	X	Nadia Khan (4)-alternate		
	Sterling Luke (2)		Nicole Sanderson (7)		
X	Sara Jones (3)		Michael Glidden (9)		
X	Glenn McLean (4)	X	David Zuckerman (10)		
	John Martin (6)	X	Liz Kindred (12)		
	Ron Maxell (6)		Rob Hinton (12)		
X	Paul Miller (6)				
X	Charlotte Rasmussen (7)				
	Zachary Druce (8)				
X	Stephen Rondeau (8)				
	Sonia Honeydew (9)				
	Roy Farrow (10)				
	Kathy Newell (10)				
X	Rick Gleason (Faculty Senate)				
	Labor Representation		Ex Officio Membership		Support
	Doug Nielson WFSE Local 1488		Michelle Doiron Attorneys General Office		Jude Van Buren, Director, EH&S
	Joel McCulloch SEIU Local 1199		Tracey Mosier Facilities Services	X	Katia Harb, Asst. Director, EH&S
X	Laura Harrington SEIU 925		Wendy Winslow-Nason Risk Management	X	Sherry Baron, EH&S Technical
X	Peter Johnston UAW 4121		Ron Fouty Capital Projects	X	Emma Alder, EH&S Minutes
		X	Josh Kavanagh, Transportation Services		
*X= Present at meeting					

Agenda

1. Call to Order and Introductions
 2. EH&S Presentation – Midyear 2014 OARS Statistics
 3. Approval of July Minutes
 4. Organizational Group Reports
 5. Union Reports
 6. EH&S Reports
 7. Open Discussion
 8. Adjourn
-

Recorded: by Emma Alder

1. **Call to Order:** Meeting called to order at 1:02 PM by Sara Jones. Introductions were made around the room.
2. **EH&S Presentation – Midyear 2014 OARS Statistics:** Stuart gave a presentation of the mid-year Online Accident Reporting (OARS) statistics for 2014. Emma Alder reported on the OSHA 300 recordable injury statistics. The causes of injuries reported most through the system have remained consistent from year to year: overexertion and other injuries due to ergonomic risk factors, slips/trips/falls, and needles/sharps. They also discussed ongoing and upcoming changes that are being made to the OARS system. One upcoming change will be to improve the categories that users select when classifying their injury or accident. Stuart presented a draft of proposed changes to these categories and explained the background behind the changes. A copy of the pertinent statistical highlights will be provided to the committee members as well as a copy of the suggested OARS category changes. U-Wide members can share the suggested changes with their respective committees to request additional feedback.
3. **Approval of July Minutes:** Sara asked for a motion to approve the July minutes as written. A change to the attendance was requested. A motion to approve the minutes as amended was put forward and seconded. The minutes were approved as amended.
4. **Organizational Group Reports:**
 - a. **Group 1:** Ryan Hawkinson reported that Group 1 watched an active shooter training video. His group also discussed the prohibition of bikes within buildings as well as resources for employees who may have concerns with service animals within buildings.
 - b. **Group 2:** Paula reported that the group did not get an opportunity to review the OARS reports but they did report out on their respective departmental safety meetings. Ron gave the report-out from the previous U-Wide meeting. The group also discussed the prohibition of bikes within buildings and concerns regarding animals within buildings.
 - c. **Group 3:** Paul reported that Group 3 met last month and reviewed OARS reports. An appointed member has recently retired from Group 3 and has

been replaced on the committee. The committee also discussed the prohibition of bikes within buildings and concerns with animals in buildings. Paul recently spoke with Colleen Pike and Katherine Tena about developing safety culture in labs amongst students. He is going to assist them with finding students to interview for their project.

- d. **Group 4:** Nadia Khan reported that they met on July 22nd. There was a guest speaker from health sciences that gave an overview of evacuation concerns regarding the T-wing overpass bridge. During evacuations the bridge can become congested and a bottleneck occurs within the buildings. The committee discussed the recent changes to the 15th NE St. and 40th St. intersection and suggested more signage could make the changes to the crossing easier to understand. The committee also discussed recent construction around NE Pacific St. and Montlake Blvd. NE. Additional signage at this intersection could also improve awareness of the construction activities. Josh Kavanagh informed the committee that improvements to the 15th Ave intersection are in progress.
- e. **Group 6:** Paul Miller reported that the most recent Group 6 meeting was lightly attended. His group reviewed two months of OARS reports and also discussed the prohibition of bikes in buildings.
- f. **Group 7:** Charlotte Rasmussen reported that the Bothell committee discussed initiatives to address the expected increase traffic on campus in the fall. The committee also discussed recent ventilation issues within some of the buildings on campus.
- g. **Group 8:** Stephen Rondeau reported that the Tacoma committee discussed many topics at their most recent meeting including heat stress safety, recent transportation improvements, upcoming emergency drills, the need for more sharps containers, and how to encourage reporting through OARS. Stephen also discussed a recent vehicular accident that occurred on the Tacoma campus. A recreational vehicle lost control and landed on main campus stairwell; the driver of the vehicle did not survive the accident. The incident will be discussed at the next Tacoma safety committee meeting as similar vehicular accidents have occurred in the past in this same location.
- h. **Group 9:** No representatives present.
- i. **Group 10:** David Zuckerman reported that they met on July 24th. His committee also discussed concerns with bikes and animals in buildings. The Group 10 members are interested in touring the Emergency Operations Center in the tower and may attempt to hold a meeting there in the future.
- j. **Group 12:** Liz Kindred reported that Group 12 met on July 28th. The committee reviewed incident reports. Risk Management reported on 2013 workers' compensation data for the two medical centers.
- k. **Faculty Senate:** No report.

5. Union Reports

- a. **SEIU Local 925:** Representative not present.
- b. **SEIU Local 1119:** Laura Harrington requested that we put a standing order on future U-Wide agenda for a report-out from Transportations

Services. She reported that SEIU 1199 is in the middle of bargaining. The union is discussing ergonomic injuries and how to ensure employees are able to get an evaluation done in a timely manner. One proposal to accomplish this is to require an ergonomic evaluation be given to an employee within 30 days of a written request. Bargaining was cancelled to allow labor/management to think about these ergonomic implications. If this change in policy goes through, more money may be available to the ergonomic program on campus. Laura also discussed concern for overpass bridges and the possibility of pedestrians falling. Josh Kavanagh mentioned that there is currently funding for the design phase for a new Hec Ed bridge.

- c. **UAW 4121:** Peter Johnston explained that UAW represents all the graduate students getting paid to work on their degrees. The union met earlier this week and are working on contract negotiations. They are also trying to ensure everyone covered by the union is signed up as a member. Peter discussed plans to include reporting requirements and OARS information in their orientation.
- d. **WFSE Local 1488:** Paula Lukaszek discussed the rerouting of Burke Gilman Trail and requested more lights or other indicators that could make it clear to vehicles that there are more cyclists on the road due to the detour. Josh Kavanagh reported that the Chief of Police has been evaluating the situation to determine if more of a police presence is needed around the detour. The Transportation Committee is also continuously making safety improvements to the project. Paula also reported that Facilities Services employees were concerned about vehicles speeding along Walla Walla Rd. near the IMA. Josh will coordinate with police on opportunities to improve the speeding in the area.

6. EHS Updates

- a. **Labor and Industries (L&I) Updates** – Sherry Baron reported on the six violations that resulted from the Drama Scene Shop L&I inspection from the safety inspection. There were no proposed violations from the industrial hygiene (IH) inspection. She also discussed a newly opened inspection concerning a fall from a ladder in Facilities Services.
7. **Open Discussion:** Dave Girts will be presenting to the U-Wide committee in November on Safe Campus and active shooter training.
8. **Meeting Adjournment:** Sara Jones adjourned the meeting at 2:35 PM.

University-Wide Health and Safety Committee Meeting Agenda

September 10, 2014

1:00 – 2:30 PM

William H. Foege N-130A

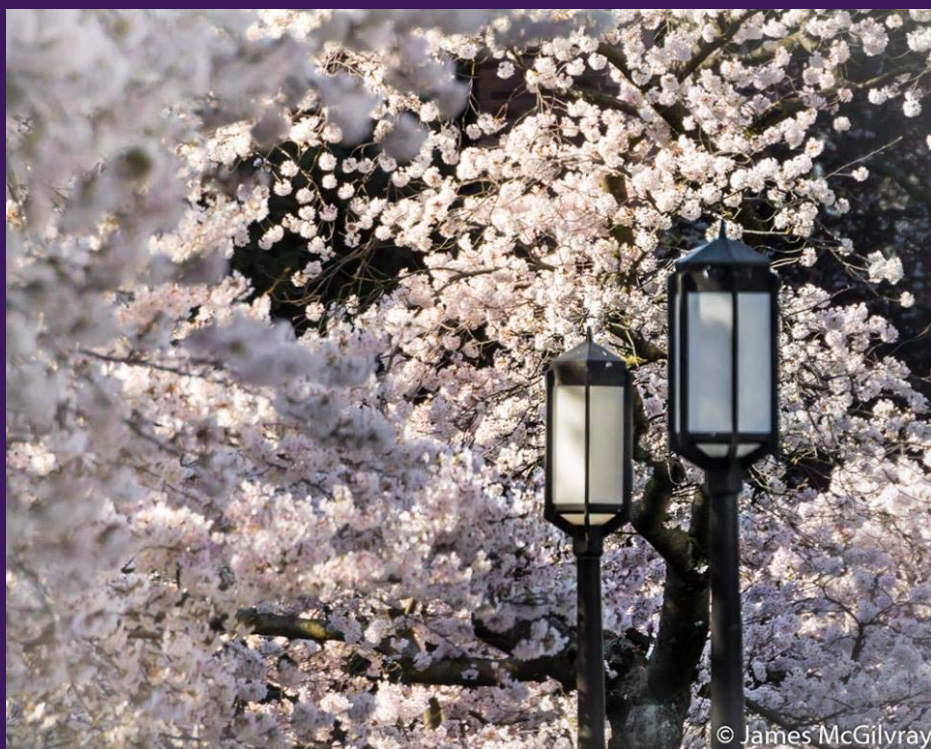
Regular Attendees:

- 2014 University-Wide Health and Safety Committee Members
(<http://www.ehs.washington.edu/ohssafcom/groups.shtm>)
- Jude Van Buren, Katia Harb, Sherry Baron, Emma Alder, EH&S

Agenda Items	Persons Responsible	Process	Time
Call to Order	Leslie Anderson, Chair		
Approve August Minutes	Leslie Anderson	Robert's Rules of Order	5 min
Organizational Group Reports	Committee Members	Discussion	10 min
Union Reports	Union Representatives	Discussion	10 min
Ex-Officio Reports	Ex-Officio Members	Discussion	10 min
EH&S Reports	Sherry Baron: L&I Update Katia Harb: CSHEMA Update	Presentation	10 min
Outreach Efforts	Wendy Secrist, Leslie Anderson, Committee Members	Discussion	45 min
Adjourn	Leslie Anderson	Robert's Rules of Order	

Next Meeting: 10/8/2014 – William H. Foege N-130A

Communicating the Importance of Safety: How Health and Safety Committees Can Help



Wendy Secrist
Communications and
Outreach Specialist,
EH&S

9/10/14



Safety at the UW

- 2011: Outside consultant reviewed safety programs and identified areas of improvement for the UW and EH&S
- This led to revision of Executive Order 55 and a new strategic plan for EH&S





Executive Order 55

- Revised in 2013 to clarify and reinforce safety roles
- Health and Safety Committees:
 - *“Review reports of accidents, illnesses, and injuries and determine appropriate mitigation;*
 - *Work proactively with representative units to ensure health and safety plans are current and mitigate risks; and*
 - *Bring health and safety issues to the University Wide Health & Safety Committee to advise the EH&S Director regarding health and safety issues”*



EH&S Strategic Plan



2012: EH&S strategic plan developed to achieve these outcomes:

- Engage UW community in moving strategically into enhanced culture of health and safety
- Provide a pathway for the UW to assure health, safety, and compliance
- Ensure staff are highly qualified and accountable
- Develop sustainable, flexible, and adaptable financial model

EH&S Organizational Values

- **Mission:** We partner with stakeholders in meeting our shared responsibility to provide a safe campus and protect our environment.
- **Vision:** Engage the UW community to ensure a healthy and safe place for advancing learning, teaching, research, and service.
- **Values:**
 - Collaborative
 - Highly qualified
 - Accountable
 - Service oriented
 - Effective & efficient





EH&S Communications Plan

- 2013: hired dedicated departmental outreach specialist
- 2013: developed communications and outreach strategy
 - Identifies variety of UW audiences
 - Sets communications approach and tone:
 - Helpful
 - Simple
 - Direct
 - Professional
 - Sets major goals for outreach activities





June 2014

In This Edition:

- Lessons Learned: Lab Waste Spill Causes Building Evacuation
- Repurposed Radioactive Sources Save Money and the Environment
- When Do You Need a Respirator?
- It's Almost West Nile Virus Season
- EH&S Will Collect Your Hazardous Waste
- Avoid Becoming a Picnic Basket Case
- Staff Spotlight: Kevin Makinson
- Events: Safety Stand Down Week

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to EH&S News

Lessons Learned: Lab Waste Spill Causes Building Evacuation



Small safety oversights can lead to unforeseen consequences. A recent unknown material spill in a UW laboratory required a response from the Seattle Fire Department Hazardous Materials (Hazmat) Unit. The cause of the response? A broken glass bottle of ambiguously labeled organic waste.

Normally, these bottles are kept in plastic tubs until disposal, but the lab ran out of room in the tub and instead stored the glass bottle, labeled "General Organic Waste," directly on the floor. The bottle cracked, likely from either

being set on the floor, getting hit by a chair, or from pressurization due to a reaction of incompatible waste materials. The contents spilled onto the floor. No one noticed when it happened, but the odor from the spill prompted the lab staff to follow their emergency procedures and activate the fire alarm system that evacuates the building. This is exactly what you should do if you notice an unidentified chemical odor in a lab.

Newsletter

- 2013: redesign and conversion to system that tracks reader metrics
- Improved content: newsworthy, concise, reader friendly (e.g., lessons learned)
- Partner/collaborate with other UW publications:
 - Human Resources
 - Whole U
- Ongoing goals:
 - Expand subscriber list (anyone can subscribe)
 - Continue to improve content

Campus Events

Connect directly with people who work and study at the UW

- Safety Plinko
- Free blood pressure checks
- Reusable giveaways and URL cards
- Safety demonstrations
- Since Fall 2013: 1466 direct contacts



Improve Departmental Communication

Improve professionalism and clarity of EH&S communications



- Communications training for staff
- Communications templates and guidelines
- Internal review process
- Logo and brand update
- New intranet to improve internal communication and resources



In Progress and Ideas for the Future

- Laboratory Safety Initiative (including campus safety event)
- Student communication projects
- More user-friendly EH&S website
- Social media



How can committees support a UW safety culture?

Help us get the word out!

- Let your units know about the EH&S newsletter: subscribe and forward
<http://www.ehs.washington.edu/news/index.shtm>
- Let people know about safety committees and how to identify and contact their safety rep
- Submit articles about safety committees for EH&S newsletter
- Develop and share information about committees at campus events