

**Agenda – April 24<sup>th</sup>, 2024**  
**Group 9 (College of Engineering) Health and Safety Committee**

**1. Attending**

Sean Krewson, AA  
 Colleen Irvin or Robbie Wong, BioE  
 Jonathan Emard, CEE  
 Michael Pomfret, CEI  
 Benjamin Hornberg, ChemE  
 Tatyana Berezyuk or Michael Glidden, DO  
 Alexander Lefort or J. Sean Yeung, CSE  
 Kyle Dickison, ECE

Sonia Honeydew or Erin McKeown, EH&S  
 Jane Skau or Sarah Coppola, HCDE  
 Riley Crain or Kelly Foong, ISE  
 Bill Kuykendall or Kyle Luiten, ME  
 John Young or Allison Schroeder, Mol/NanoES  
 Carter Beamish or Hanson Fong, MSE  
 N. Shane Patrick, WNF

**2. Previous Meeting Minutes (5 Minutes)**

- March 2023 – approve? Corrections/additions?
- Minutes posted at <https://www.engr.washington.edu/mycoe/safety#> and safety boards.

**3. Department Incident Reports (20 minutes; use “5 Why’s” analysis for one report)**

- All OARS reports may also be found on Tableau while on the UW network via this link: <https://bitools.uw.edu/#/site/Transitional/projects/573>.

OARS #	Supervisor's Dept	Incident Location	Incident Summary
2024-02-036	Bioengineering	MAG H.S.C./I	Student employee pinched and cut finger, without exposure, when unlatching the chair clamp from lift plate.
2024-02-142	Collaboration Core – WNF Staff	Fluke Hall	As employee retrieved expired plastic bottle of nitric acid, handle broke off; no spill occurred.
2024-03-025	Collaboration Core – WCET Managers	Nanoengineering Building	Employee discovered that a parr bomb vessel exploded in a furnace overnight damaging furnace.
2024-03-034	Mechanical Engineering – Fuller Lab JM Student	Wilcox Hall	Student employee and colleagues noticed smell of smoke in lab and some other parts of building.
2024-03-054	Bioengineering	MAG H.S.C./I	Employee's finger was scratched by a restrained macaque while training the NHP.
2024-03-066	Materials Science & Engineering – Fong Lab JM Student	Nanoengineering Building	Employee noticed prolonged unidentified hissing noise from liquid nitrogen dewar.

**4. Group Business (20 minutes)**

- Review HSC Group 9 Charter.
- Invitations for speakers:
  - Planning presentation on sharps; Likely not available until June or later.
  - June meeting may be executive sponsor visit.

**5. UW-Wide Meeting (0 minutes)**

- March meeting minutes and April agenda may be found here: [U-Wide Health & Safety Committee SharePoint](#)
- April meeting highlights listed below:
  - Marty Cohen presented on Worker Memorial Day:

- Tuesday, April 30<sup>th</sup>, 11:30 AM – 1:00 PM via Live Webinar. See presentation slides on the Health & Safety Committees Sharepoint for links, and here: <https://washington.zoom.us/meeting/register/tJUlce2upzgtE9d8mpnyRHcofbwZ-imh9n9s#/registration>
- Marty is part of WA FACE (Fatalities Assessment and Control Evaluation) organization. They put out reports, investigations, and narratives around each incident. All are public access. See links on slideshow.
- Slides show a breakdown of the fatal events that occurred throughout Washington last year; Fatal events fell to 72 this last year.
- Eleanor Wade presented on Changes in External Guidance around COVID-19:
  - CDC updates for responses to viral respiratory illnesses went out on 3/1. WA DOH followed suit.
  - COVID-19 is now being more broadly treated like other communicable respiratory illnesses.
  - Health care settings are not included in most of the above at this moment.
  - See EH&S policy updates for more information.
  - Recording/reporting workplace-acquired illnesses is still in place; this is for all illnesses, not only COVID-19 (i.e. flu, RSV, etc)
  - Updated COVID-19 Illness and Exposure Guidance
  - Updated Public Health Flowchart; Much more streamlined and covers all infectious respiratory illnesses now.
  - COVID-19 Safety Training is no longer required, though recommended for UW personnel.
  - Further updates underway; A larger email update will be sent out when several other updates are finalized to avoid over-emailing.
- Eleanor Wade presented on First Aid Program/Plans
  - Program is part of Campus Preventive Health.
  - Governing regulations are WAC 296-800-150, APS 10.3
  - These relate to not only office spaces, but also labs and shops.
  - In general, units need to provide access to first aid-trained personnel and appropriate first aid supplies.
  - For office spaces, units have two choices:
    1. May rely on first responders if working in a location served by municipal 9-1-1 emergency services.
    2. Have at least one first aid-trained employee present in the area while people are present.
  - Labs and shops should always have a first aid-trained present when anyone is working.
  - Fieldwork safety plans fulfill first aid plans for locations where these are needed.
  - The First Aid Plan Guidelines sheet is both informational and a template for units.
  - Availability for first aid training be found at: [First Aid and CPR Certification | EHS \(washington.edu\)](#)

- Discussed the revised guidance around first aid kit materials, including the removal of burn creams (with the exception of calcium-gluconate for HF burns, where used) and dressings, as well as over-the-counter and prescribed medications. Standard kits may be purchased readily; Look for ANSI/ISEA Z308.1 Class A kits and tailor them further for your space's specific needs if necessary.
  - Kits should be inspected and refilled annually.
  - For questions on who should be trained, contact EH&S.
- Abebe Aberra presented on food safety:
  - Part of Campus Preventive Health.
  - Policies guided by WAC 246-215, 246-217, 246-260.
  - Oversight of two types of groups: Permitting permanent food establishments and permitting of 1500+ annual temporary food services events, mobile food establishments, etc. at the UW.
  - Slightly different process for both. See [Food Safety Program | EHS \(washington.edu\)](https://ehs.washington.edu)
- Reviewed U-Wide Charter
- Concerns and questions about bike laws and regulations around campus due to accidents involving pedestrians; Several members echoed these concerns; Chair will be looking to invite someone to present on this.
- Question about updated evac maps (EAE map). Scott Nelson is working on figuring out who originally made map, who owns it, so it may be updated. Scott noted that Fire & Life Safety can help units with difficulties around their evacuation points until this is updated, as well as with the rest of their FSEPs.
- Answers to Group 9 question on moving heavy equipment:
  - Shop 10 is the correct group to contact.
  - If connecting with Moving Services/Surplus, note that you have excessively heavy item, provide dimensions and approx. weight, and they should phase in Shop 10.
- Issue with lead getting into chilled water supply pipes in Health Sciences Buildings. Jimmy Spencer noted this has been investigated and so far seems to be an isolated incident. Testing has been done in other buildings to confirm.
- UW Facilities had an in-depth conversation about worker safety, run-ins with unhoused individuals or their belongings, and to violence. Voiced concerns about UWPD's responses to these. Lead of group has reached out to connect with UWPD on these issues.
- Sonia noted that if interactions with unhoused individuals occur, submit an OARS report. These are reviewed semi-monthly.
- PPE Open House at Facilities Training Center; Mostly geared toward Facilities, but other groups welcome; Contact Chris Pennington.
- UW Bothell looking to fill their Emergency Manager position.
- Radioactive sources inspection at the UW scheduled for June 3<sup>rd</sup> – 7<sup>th</sup>.
- Lab Safety now holding virtual office hours monthly for anyone to join and ask quick questions: <https://ehs.washington.edu/about/latest-news/lab-safety-office-hours>

6. Member Updates (10 minutes)

**Next Meeting: May 22<sup>nd</sup>, 1:00 PM**

**DRAFT Meeting Minutes**  
**Health and Safety Committee for Group 9 (College of Engineering)**

**Meeting Date: March 27<sup>th</sup>, 2023 (via Zoom)**

**Attended**

*Sean Krewson, AA*

*Jonathan Emard, CEE*

*Michael Pomfret, CEI*

*Benjamin Hornburg, ChemE*

*Tatyana Berezyuk, CoE Deans Office*

*Alexander Lefort, CSE*

*Kyle Dickison, ECE*

*Jane Skau, HCDE*

*Bill Kuykendall, ME*

*John Young, MoIES/NanoES*

*Carter Beamish, MSE*

**Absent**

*Colleen Irvin, BioE*

*Sonia Honeydew, EH&S*

*Riley Crain, ISE*

*N. Shane Patrick, WNF*

**Previous Meeting Minutes**

- February 2024 – minutes approved as is.
- Previous meeting minutes are at: <https://www.engr.washington.edu/mycoe/safety#>.  
EH&S recommends each department/group post paper copies on their safety board and inform employees of the name of their representative.

**Incident Reports**

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

- MSE (#2024-02-019) – Michael Pomfret noted that this had happened at the Collaboration Core test beds and so he has information on this. The nitrogen gas heater is used to dry particular inks with an inert gas. These were not test bed employees, but students and employees of UW. The thermocouple for the device – meant to regulate the output heat – was placed in the wrong location causing the machine to incorrectly measure the nitrogen and heat, causing it to continuously think it needed to heat and caused the melting of some electrical insulating tape. When noticed, the users immediately turned off the unit and left the area for a few minutes. They immediately improved afterward and no one chose to follow up with medical care. The incident wasn't reported to the test bed until the next day, when Michael Pomfret let them know to fill out an OARS report. They have since built out an SOP with an operational checklist. Carter Beamish added that the group has also purchased a higher temperature-rated tubing set and additional control sensors to avoid overheating in the future. Group 9 has completed comments on this report.
- BioE (#2024-02-036) – No representative present; Tabled to next meeting.
- Collab Core – WNF (#2024-02-142) – No representative present; Tabled to next meeting.

### Group Business

- Group 9 shared potential changes for the UW Accident Prevention Plan:
  - Alex: pg 4, "Purpose, Scope, and Responsibilities," paragraph 8: "about hazard" should be changed to "about hazards"
  - Alex: pg 6, "University Faculty and Academic Personnel, Staff, Student Workers, Volunteers," paragraph 5: This line seems to have been unintentionally left in, as it's the same as the title with no other text connected to it. "University faculty and academic personnel, staff, student workers, volunteers."
  - Alex: pg 6, "University President, Provost, Vice Presidents, Deans, Chancellors, Directors, Chairs, and, Supervisors," remove comma after "and."
  - Alex: pg 8: "UW Office of Global Affairs, Travel" should be changed to "UW Office of Global Affairs, Travel" adding the "s."
- Invitations for new speakers:
  - Alex noted that the plan is to have a presentation on ergonomics from L&I in April, one on sharps from EH&S in May, and a visit from the Group 9 Executive Sponsor in June. Alex asked if anyone had specific questions for these groups to talk about:
    - Ergonomics:
      - There is interest in hearing about lab and shop ergonomics. Particularly about how to balance ergonomics with materials safety and machine usage.
    - Sharps:

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

- There were previous questions about disposal locations and how to request contractor pick-up.
  - Interest in how sharps are differentiated by type, if there is any differentiation: i.e. sharps from medical versus those from shops environments.
- Alex informed the group that we will be reviewing the Group 9 Charter next meeting.

### UW-Wide Meeting

- Alex asked if anyone had any questions/comments on notes from the U-Wide:
  - February meeting minutes not present; no meeting in January.
  - March agenda attached. Meeting highlights will be presented by Alex Lefort:
    - Brian Allinger presented on the Shop Safety Program:
      - Shops and makerspaces are locations where physical or energy hazards may exist, particularly around machinery, including industrial machines, 3D printers, laser cutters, and others.
      - Program assists in developing and managing safety programs in shops and maker spaces around campus.
      - Identify and mitigate safety hazards.
      - Develop action plans for correcting hazards.
      - There are currently over 90 shops and makerspaces around the Seattle campus.
      - Both shop self-audits (annually) and EH&S-led audits (biennially) are required.
      - Most common issues found with: machine guarding, seismic restraints, cranes/hoists/lifts, safety equipment, administrative controls (training, Shop Safety Plan, self-audit records, PPE hazards assessments, SOPs),
      - Highest risk issues found with: Lockout-Tagout, flammable chemical storage, machine guarding, cranes/hoists/lifts.
      - For slides from presentation, contact Alex Lefort; For more information on shop safety, reach out to Brian Allinger.
    - Brian Allinger presented on Slips, Trips, and Falls:
      - In last three years, these were #2 cause of all injuries; Outside of UW Medical, they were #1 cause. They are #1 in non-recordable injuries and #2 cause in recordable injuries.
      - EH&S site has common tips and tricks for preventing these.
      - Supervisors should ensure walking surfaces are clean, dry, and in orderly condition. Inspect regularly using the template found in appendix C of the Fall Protection Guide on the EH&S site.
      - For slides from presentation, contact Alex Lefort; For more information on slips, trips, and falls, check the EH&S site and reach out to Brian Allinger.
    - Stephen Cowden, Training Manager, presented on Enhancing Safety Through Training:

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- Safety trainings are not only crucial to building a culture of safety, but also frequently required by state policies.
- Trainings are tailored to each individual (total of 84 trainings on the EH&S training site)
- UW members will have UW netID access; visitors/affiliates will need a sponsored UW account.
- Of note: EH&S does not send reminders of trainings that need to be renewed. It is the unit's and supervisor's responsibility to send out reminders as needed.
- For slides from presentation, contact Alex Lefort; For more information on EH&S trainings and requirements, check the EH&S site.
- Sonia Honeydew presented on Workplace Injuries, Illnesses, and Incidents:
  - Outside of UW Medical, ergonomic injuries were one of the most common incidents.
  - L&I ergonomic evaluations are available at no cost.
  - New training for ergonomics (for lab, office, animal handling) available through contractor with EH&S.
- From Doug Gallucci, head of Environmental Programs – Team has been down one or two collectors for two years now and have been actively attempting to fill these positions. The group meets monthly on outstanding pick-ups for coordinating. They are happy to have people reach out as needed to solve collection issues.
- EH&S updates: UW 2023 injury report to exec sponsors and unit leads will be sent out shortly. Encourage these to be shared to HSCs and units.

### **Department Updates**

- ChemE – Benson Hall now has working CAAMS system and card readers! They are now keeping the downstairs doors locked to reduce intrusions.



## **DRAFT Meeting Minutes**

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

- ECE – Kyle received a notice from EH&S on the ceasing of maintenance and permitting of certain old biosafety cabinets and noted that it seems the departments will need to pay to remove these. Bill noted that ME also received this and that there is a process to go through to remove them, including decontamination, but that the cabinets do not necessarily need to be removed immediately; just decommissioned. Kyle had another question on if anyone had experience moving optical tables or other large pieces of equipment. Bill recommended connecting with the Grounds Crew to potentially use their equipment. A work order should be able to connect to them. Kyle noted that he had connected with them and that Customer Care noted he would have to contract out for help. Tatyana noted that Kyle can connect with a group who previously moved a lab setup; Tatyana will find the shop and send the info to Kyle and Alex. Kyle did find info on Don Satko of Maintenance Heavy Equipment Operator Shop 10 and Bill noted this is who had helped him previously. Several others vouched for Don Satko and Shop 10 and Jane Skau noted that HCDE has also contracted through Omega Morgan before.
- MoIES/NanoES – John Young also noted he's interested in information about heavy equipment lifting services. Alex stated he will bring this up at the U-Wide meeting.

### **Adjournment**

- Adjourned at 1:29 PM.

### **Next Meeting**

- Next meeting will be April 24<sup>th</sup>, 2023 at 1:00 PM via Zoom.

