

Laboratory Safety Committee Meeting Minutes January 23, 2022, Zoom Meeting

Attendance according to zoom:

Member	Department Department	Pres.	Abs.	Member	Department	Pres.	Abs.
Doug Aaron	MABE		\boxtimes	Mariano Labrador	BCMB	\boxtimes	
Michael Allen	TCE	\boxtimes		Bryan Lord	Facilities	\boxtimes	
Chris Baker	EHS		\boxtimes	Elysia Mann	Art (2D)		\boxtimes
Michael Best	Chemistry	\boxtimes		Bob Martin	EECS	\boxtimes	
James Cantu	EHS	\boxtimes		Kristen Massey	IAAM	\boxtimes	
Christine Cheney	Physics & Astronomy	\boxtimes		Larry McKay	Vice-Chair : A&S		\boxtimes
Lori Cole	IACUC/OLAC	\boxtimes		Ahmad Mitoubsi	EHS/Lab	\boxtimes	
Matthew Cooper	Psychology	\boxtimes		Sarah Mobley	CEE		\boxtimes
Steve Crouch	UTIA Safety	\boxtimes		Katie Morgan	Nursing	\boxtimes	
Caleb Cummings	EHS	\boxtimes		Scott Moser	EHS/Lab	\boxtimes	
Paul Dalhaimer	CBE	\boxtimes		Allan Patchen	EPS	\boxtimes	
Carolina Dolislager	EHS	\boxtimes		Jacob Payne	UTIA Safety	\boxtimes	
Bill Dunne	Tickle COE		\boxtimes	Sandra Prior	EHS	\boxtimes	
Gerald Egeland	MSE	\boxtimes		Sarah Pruett	ORE	\boxtimes	
Scott Emert	Nuclear Eng.		\boxtimes	Brian Ranger	EHS/Lab	\boxtimes	
Jennifer Ferris	GSM	\boxtimes		Darcy Rathjen	ORE	\boxtimes	
Jason Fogarty	Theatre	\boxtimes		Tim Rials	UTIA	\boxtimes	
Billy Garner	EHS	\boxtimes		Marsha Smith	EHS/Rad	\boxtimes	
Sharon Hale	CEE	\boxtimes		Cynthia Swift	CEB	\boxtimes	
Linda Hamilton	EHS/Lab		\boxtimes	Daniel Thomas	EHS	\boxtimes	
Terry Hazen	Chair-CEE/EPS/Micro	\boxtimes		Joseph Williams	EEB	\boxtimes	
Sally Horn	Geography	\boxtimes		Ling Zhao	Nutrition	\boxtimes	
Randy Huelsman	Facilities		\boxtimes	Grad Student Rep	Grad Student Chem		
Anneke Janzen	Anthropology	\boxtimes					
Jeremiah Johnson	Microbiology		\boxtimes	Kim Harmon	EHS/Guest	\boxtimes	
Jennifer Kirkpatrick	Art (3D)	\boxtimes		Brian Payne	EHS/Guest	\boxtimes	
John Kobza	ISE	\boxtimes					

Agenda:

- I. Approve Minutes from Last Meeting
- II. LSS Updates
- III. Working groups
- IV. Incidents/concerns
- V. Budget allocation model and cost recovery for non-core services
- VI. 2023 Lab Safety Week
- VII. LSS 2023 department assignments
- VIII.LSS Staffing change
- IX. New Business

X. Next Meeting – February 20, 2023

Attachments and References:

- LSC Meeting Minutes
- Documents:
 - o LSS Metrics
 - o LSS Dept Assignments
 - o Fees & Services FY23 Rates
 - o Laser Fire Report Senter Hall

Topic Summaries

- I. Introductions New LSA's
 - o None

II. Approve Minutes from Last Meeting (11/21/2022)

o LSC Meeting minutes approved.

III. Lab Safety Services Updates (Ranger)

- o 2022 Metrics
 - Common Finding
 - Outdated chemical inventory (67)
 - Outdated hazardous waste training (60)
 - Chemical waste mismanagement (50)
 - Eyewashes not flushed weekly (46)
 - Outdated/inaccurate door signs (36)
 - Bonus Outlets within 6ft of water not GFCI
 - Working with facilities to correct any findings.
- 2023 Focusing on door signs and what is on the door signs as compared to what is in the lab.
- o 2021:2022 Comparative metrics will be sent out to everyone for review
 - Orange bar 2021 findings and blue bar 2022 findings
 - Across board you can see where improvements are being made
- o 2022 Lab Safety Review Highlights
 - Completed ~280 lab safety reviews (~1100 spaces)
 - Relative to 2021
 - Total findings -42%
 - Average unit findings rate -34%
 - Findings closure 10%
 - Improve Archibus request monitoring/FS communication.
 - Follow established escalation procedure.
- Other 2022 LSS "Wins"
 - Hired & onboarded 5 new team members.
 - HHCC established & inaugural meeting.
 - Organic chemistry teaching lab coats
 - No reported corrosive injuries during fall semester
 - Bolstered written program with 14 new/revised documents.
 - Forged new internal partnerships with EP & IWS
 - Assisted with the SERF HRU replacements.
 - Preserved through 3 office relocations.

IV. Working Groups

- o Lab Coat Services-Cintas proposal & next steps (Hazen, Ranger)
 - Cintas met with working group and next step would be to escalate up the chain. Hazen was
 elected to take this request up the chain. Brian and Sandra will talk about it after this
 meeting.
- o Safety Culture Awards (Hamilton, Aaron, Dolislager)
 - Next LSC meeting ask for volunteers as the voting body for picking awards winner.
 - Need 5 volunteers if you need more information send Linda or Carolina an email.

- LSC Charter Revisions Progress & Next Steps (Prior, Hazen)
 - Sandra will resend update and have a meeting to discuss the charter.
 - Still want another representative Lori Cole has volunteered to look at it after hours but will not be able to attend meetings this spring.
- o High Hazard Chemical Committee (HHCC) inaugural meeting (Moser)
 - Finalized charter and sent to general counsel for review and approval.
 - Scott will set up next meeting will be set up

V. Incidents/concerns

- Update on STOP WORK issued for Dabney Buehler 402/403 Chemistry labs.
 - Progress before Christmas getting hazardous out of the lab.
 - Discussed what needs to be done moving forward to clean up the lab.
 - After the lab personnel leave, we may need to get the department involved to help.
 - Focus is to get the chemical waste cleaned up before Matt leaves.
- o Laser fire Senter Hall (Mitoubsi, Marsha Smith)
 - Near miss on December 19, 2022, that required use of ABC extinguisher.
- o Status on damage from December power outages, frozen pipes, etc (facilities)
 - Affected a few labs and the power outage did affect some equipment and the PI's have been in contact with Risk Management.
 - Issues were the rolling blackouts from KUB and the backup generator at the steam plant did not come on.
 - Facilities are inspecting the generator to see why it did not come on. Weekly checks are performed and works fine. Not sure what happened in this incident.
 - They are bringing in Cat dealer to check the turbine generator at the steam plant to see why it did not come on.
 - Had flood in Hesler on 2nd floor on Sunday 22nd but not due to frozen pipes.
 - o EHS had not been informed until this meeting. We will follow up on this.
 - Lori Cole asked if the cause of leak in Mossman on December 31st was from the weather.
 - o This still being investigated. There are strange places of water entry.
- o Faulty oxygen sensor and false alarms at IIAM (Moser)
 - Rooms on ground floor of IIAM that have stand alone sensors that go into alarm when there is oxygen depletion in the room. Since beginning of December there have been 6 or 7 of these alarms have gone off and EHS is called out to clear the room.
 - This is not the case when EHS has checked the room.
 - The sensors themselves have a finite life span and the sensors are failing.
 - Even though these are false alarms we must treat them as real events until we can clear the room.
 - Been in contact with IIAM and Facilities to get these sensors on a preventative maintenance schedule where they can be changed out regularly.
- o Hydrogen sensor system maintenance in Dougherty Engineering (Moser, Ranger)
 - EHS met with TCE Dougherty has a partial building alarm hydrogen detection system.
 - It was put in for a specific need after the fire in 2007.
 - The house used hydrogen system is not widely used anymore only a couple of labs use hydrogen and they have their own tanks.
 - How do we go about bringing this house wide system back into a state of reliability?
 - o Who's responsible?
 - o This should have been tested and calibrated many years ago.
 - o Ranger will be working with Drs. Dunne & Frymier use of hydrogen in that building to what extent and what alarm systems are in place.

VI. Budget allocation model and cost recovery for non-core services (Prior, Ranger)

- o Fees and Rates Sheet shared with committee.
 - When budget model changed not all services that EHS provide are free and this list is what was approved.

VII. 2023 Lab Safety Week – February 13-17 (Hamilton, Dolislager)

- o 6 events on campus more information will be sent out to listserv
- o Introducing 1st safety award which will be an essay or short response for write in submission.

VIII. LSS 2023 department assignment (Ranger)

o FYI of who the EHS contact will be for your unit.

IX. LSS staffing change (Ranger)

o Ahmad Mitoubsi is moving on to ORNL. He will be missed but very proud of his accomplishments.

X. New Business

- o Sarah Pruett leaving ORIED and accepted Executive Director of Compliance role at systems level.
- o Brian Payne Safety Stratus EHS Software we are in project planning stage now. 10 modules that we will be rolling out. We will be looking for people to demo the modules as we get them ready before the full roll out.

XI. Next Meeting

o February 20, 2023, 1:30 pm − 3:00 pm [Zoom]