

Laboratory Safety Committee Meeting Minutes November 21, 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. Introductions
- II. Approve Minutes from Last Meeting
- III. LSS Updates
- IV. Working groups
- V. Incidents/concerns
- VI. Alignment of safety and safety-related compliance committees
- VII. EHS offices moving to Middlebrook Pike Building
- VIII. New Business

IX. Next Meeting-January 23, 2023, 1:30-3 PM (Zoom)

Attachments and References:

- LSC Meeting Minutes
- Documents:
 - Chemistry major findings_STOP WORK
 - o NE major findings_DH_PI_responses

Topic Summaries

I. Introductions - New LSA's

None

II. Approve Minutes from Last Meeting (9/19/2022)

LSC Meeting minutes approved.

III. Lab Safety Services announcements (Ranger)

- o Lab Coat Services-Cintas proposal (Hazen, Ranger)
 - Expensive, would require higher approval and partnership with other committees- Sandra Prior to facilitate
- Safety Culture Awards (Hamilton, Hazen, Dolislager)
 - Commitment from Dr. Pruett at ORIED for funding
- o High Hazard Chemical Committee inaugural meeting (Moser)
 - Charter out for review
 - Planning next meeting for January
 - Enthusiasm from GSM & UTIA

IV. Incidents/concerns

- o Paper airplane project/clean-up (Ranger)
 - Dean Young walked through Ranger the procedure he received from architecture students before approving the project
 - Safety was considered
 - 6-foot ladders used, able to maintain 3 points of contact
 - Tools used to spread paper airplanes and rake them off of pods for clean-up
 - Talked about getting someone under Dean Young to sit on LSC
 - Sandra Prior provided Ranger a template for thinking through safety considerations and determining whether additional approval is necessary
 - Larry McKay's hopes that they use our proposed framework for having a representative on the LSC and seeking safety advice & LSC approval before attempting something like this again
- Major findings/waste treatment concerns in nuclear engineering
 - Showcasing exemplary safety culture in addressing major and minor findings
 - PI went through the report with his lab group for their education
 - Findings closed out in a timely manner
 - Discovered that respirator training was not done/out of date
- o Broken glass injury in Microbiology lab (Hamilton)
 - Growing a BSL-1 organism in someone else's shaking incubator, used the wrong size adapter for the flask per the instruction of the shaking incubator's owner
 - Upon cleaning the spill and broken glass with ethanol while wearing nitrile gloves, she got a glass shard in her finger.
 - Concerns of infection led her to call CorVel. No sign of infection yet.
- STOP WORK issued for Dabney Buehler 402/403 Chemistry labs (Moser, Ranger, Hazen, McKay, Pruett)
 - Issues involved:
 - Inappropriate hazardous chemical storage
 - Chemical waste mismanagement
 - Calcium gluconate expired while HF work still active
 - No timely conclusion of findings
 - Work continued after stop work issued
 - Remaining questions:
 - How can we encourage other researchers to speak up when obvious violations are occurring?

- How did it get this bad?
- In a building past its lifespan, how much money can be put into things like fume hood replacement?
- Moving forward:
 - Multiple inspections/check-ins and retraining for labs with many and/or major findings
 - Proactive approach to retirement and decommissioning
 - Making department heads and PIs aware that safety and properly managing labs is important to research and land grant university standards, can be included in their performance review
 - LSS to send lab safety reviews to department heads as well
- Mercury spill in Mossman 541 suite
 - Mercury found on benchtop multiple times, cleaned by Mike Rotella
 - Mercury thermometer broken in heat block. Heat block was used at 95 degrees C daily, for the entire workday for unknown amount of time
 - No lab members remember a mercury thermometer being used in the heat block
 - Importance of calling EHS to exchange mercury thermometers with alcohol ones

V. Alignment of safety and safety-related compliance committees (Sandra Prior, filled in by Brian Payne)

- o Document was sent out about committee structure and roles/responsibility
- o Please send comments to Sandra's email
- o Importance emphasized of keeping LSC functional by Dr. Dunne
- o Importance emphasized of knowing the lines of escalation and reporting by Dr. McKay

VI. EHS offices moving to Middlebrook Pike Building

- Move happening in stages
- Thanks to Dr. Dunne for SERF launch

VII. New Business

o Annual lab safety reviews are finishing up

VIII. Next Meeting

o January 23, 2023, 1:30 pm - 3:00 pm [Zoom]