

**Attendance according to sign-in:**

Member	Department	Pres.	Abs.	Member	Department	Pres.	Abs.
Doug Aaron	MABE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mariano Labrador	BCMB	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Michael Allen	TCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yingkui Li	Geography	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shawn Campagna	ORE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Brian Long	Chemistry	<input type="checkbox"/>	<input checked="" type="checkbox"/>
James Cantu	EHS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bryan Lord	Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Christine Cheney	Physics & Astronomy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Larry McKay	Arts & Sciences	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lori Cole	IACUC/OLAC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ahmad Mitoubasi	EHS/Lab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Matthew Cooper	Psychology	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sarah Mobley	CEE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Steve Crouch	UTIA Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Scott Moser	EHS/Lab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paul Dalhaimer	CBE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Jacob Payne	UTIA Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Elizabeth Derryberry	EEB	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sandra Prior	EHS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bill Dunne	<b>Vice Chair</b> -Tickle COE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sarah Pruettt	ORE	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gerald Egeland	MSE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Brian Ranger	EHS/Lab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Scott Emert	Nuclear Eng.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Darcy Rathjen	JIAM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chris Fedo	EPS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Marsha Smith	EHS/Rad	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Jennifer Ferris	GSM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cynthia Swift	CEB	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Casey Fletcher	ART	<input type="checkbox"/>	<input checked="" type="checkbox"/>	David White	UTIA	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jason Fogarty	Theatre	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Andre Zeumault	EECS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liz Fozo	Microbiology	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ling Zhao	Nutrition	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sharon Hale	CEE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vacant	Grad Student Rep	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Linda Hamilton	EHS/Lab	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stephen Romaniello	Alternate/Fedo	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Terry Hazen	<b>Chair</b> -CEE/EPS/Micro	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Kim Harmon	EHS/guest	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Randy Huelsman	Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Brian Payne	EHS/Guest	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lee Jantz	Anthropology	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thanh Do	Guest/	<input type="checkbox"/>	<input checked="" type="checkbox"/>
John Kobza	ISE	<input checked="" type="checkbox"/>	<input type="checkbox"/>				

**Agenda:**

- I. Approve Minutes from Last Meeting
- II. Laboratory Safety Services Updates
- III. COVID-19 Response-Updates
- IV. Lab Safety Committee Working Groups
- V. Instruments with radioactive sources
- VI. Annual/semiannual safety checklist
- VII. System safety website, UT President's safety message, & lessons learned library
- VIII. Incidents/Concerns
- IX. New Business
- X. Next Meeting

**Attachments and References:**

- LSS updates
- Disinfectant concerns
- Training information
- <https://drive.google.com/drive/folders/1xfyIlBHrYLh65fYmUvXX6usTjvRgOB5?usp=sharing>

**Due to COVID-19 the zoom meetings will continue until further notice.**

## Topic Summaries

### I. Approve Minutes from Last Meeting

Minutes from the 8-17-2020 meeting were approved.

### II. Laboratory Safety Services Updated (Ranger) (0:02:32 – 0:05:26)

- a. 259 inspections have been completed. Breakdown of report status on inspections
  - i. Finalized – 94
  - ii. Pending Resolution – 148
    1. Non Confirmed (PI has not confirmed receipt) - 59
  - iii. Pending Inspector Review – 17

#### Top 5 finding (Last 6 Months)

1. Chemical Inventory update (155)
2. Emergency Contact Information (138)
  - a. Update information for lab members and contacts
3. Weekly Eyewash Testing (134) –
  - a. Added as reminder for labs before restarting activity.
4. Laboratory Hygiene/Housekeeping (56)
5. Eyewash Accessibility (52)

### III. COVID-19 Response-Updates – Open agenda item (0:05:28 – 0:23:30)

This is a standing item on the agenda in hopes that the EOC personnel would provide any updates as necessary.

- a. Linda Hamilton - Transition period away from the EOC as we know it and the COVID response that has been status quo from the beginning.
  - i. Concentrating more on the iso and quarantine housing and logistics
  - ii. Most operation groups are transitioning back to their normal work with only a weekly meeting to stay involved and stay on the ready in the event that we have to go back to a more restrictive status.
- b. Terry Hazen – Chancellor is going to discuss in her report about how the numbers are going down, but they may not be real. The chancellor will also discuss the surveillance aspects and how that is progressing.
  - i. Question to Terry – Can you give us a preview of what you are finding from surveillance testing both waste water and saliva?
    1. Campus residence waste water – Testing found a fairly high number of virus particles in the dorms, sororities, and fraternities. None of those were big surprises. Not seeing anything of great concern yet. There are some dorms, sororities, and fraternities that are right at borderline.
    2. Saliva testing - They are having problems getting students to submit the saliva test.

3. The 48 buildings in the waste water sampling plan do not include any academic buildings. It only involves the dorms, sororities, and fraternities because that is a more controlled student population.
- c. Liz Fozo - Confusion for the best policies for GRA COVID-19 testing. Some people are telling them to go straight to student health services and some of the students, for various reasons, are going to other places off campus. Does the university want graduate students that are not teaching to go straight through student health services for everything?
    - i. Terry Hazen– He has heard is that they go the student health services.
    - ii. Bill Dunne – If they have their health insurance through the university, that would be the preference. If they are going to go outside the university, it will depend on if they go to Knox County or not whether it gets reported to UT. If they go somewhere in Knox County it will eventually get back to the university, but that is a slow process.
    - iii. Liz Fozo – It is not that these students are going out to hide. They are still filling out the self- isolation forms, but for various reasons: due to their partners insurance, it being on a Sunday night, or something like that, some of them have gone to other testing facilities based on those reasons.
      1. Dunne - If they are filling out the form then they are doing what they need to do. If they are in a different county or being tested in different county, they need to update their self-isolation form if they test positive.
    - iv. Elizabeth Derryberry – Do we have any advice for Postdocs? As people start to resume getting fellowships and traveling how do they get tested?
      1. Dunne – Check the Knox County Health Department website to see what they have posted on when/how to get tested. If they cannot get tested there they may need to check at other places for the tests.
  - d. Darcy Rathjen – Back in July there was an email that came out about how long you have to self-quarantine but she has not seen it go up on any UT websites to refer anyone too does it still hold. There were 4 points:
    1. Positive - they are in isolation for a minimum of 10 days with the last 3 days symptom free.
    2. Close contact with a positive - 14 days from the last contact.
    3. Positive case in the same household - 14 days after original person tests negative and is symptom free.
    4. Contact with someone symptomatic that tests negative - Can return to work after negative test, as long as you are also non-symptomatic.

Bill Dunne – Those statements are reasonable but the university's approach was not to make those statements but instead to say consult with your local health care provider. The decision of your health care provider about whether to quarantine or not quarantine would be the guiding decision.

#### IV. Lab Safety Committee Working Groups-next steps & October deliverables

**(0:23:35 – 0:26:13)**

- a. High Hazard Chemical Review (Larry McKay)
  - i. Larry will schedule a meeting before the next lab safety meeting.
- b. Lab Coat Program (Terry Hazen)

- i. Don't know what can be done with this given everything that has happened. He will try to schedule a meeting.
- c. Lab Safety Communications Strategies (Chris Fedo)
  - i. No update at this time.
- d. Lab Safety Metrics and KPI's (Bill Dunne)
  - i. Schedule a meeting with this working group to discuss where they were.
  - ii. There is a report and they will present in October.
- e. Safety Awards (Terry Hazen)
  - i. Try to get this committee back together.

**V. Instruments with radioactive sources-safety & compliance reminders (Marsha Smith) (0:26:14 – 0:30:34)**

Remind everyone about the requirements for radioactive sources that are in instrumentation. Description talked about is items like

- a. Gas Chromatographs may have ECD detectors
- b. Static elimination devices
- c. Liquid scintillation counters or other types of radiation detectors
- d. Groups of instruments that may have sealed sources. We have them and the university was able to purchase these without a license or without anything being said to us but they fall under instruments that are supposed to have a special license to check for leakage. With new instruments, the vendors are informing the person that the device will need to have a license or will need to contact the state for requirements. So this is a callout for old equipment your department may have.
  - i. On the back of these old pieces of equipment there will be a yellow/magenta sign that says "caution radioactive material". It will be labeled on there somewhere that it contains radioactive sources.
  - ii. If the equipment is not checked every 6 months, Radiation Safety does not know about it and they need to be informed.
- e. X-ray sources – we need to know about all those within 10 days of arrival on campus. If not we can be fined.

**VI. Annual/Semiannual department safety checklist (Brian Ranger) (0:30:36 – 0:34:57)**

Dr. Long reached out and suggested that it might be helpful for the department of Chemistry to have an annual or semiannual safety checklist containing items he should remind his department about as the DSO.

- a. Brian Ranger - Issuing this at the beginning of the academic year or maybe at the beginning of each semester during the academic year as a series of reminders to make sure that your chemical hygiene plan is up to date, biosafety cabinets certified in the last 12 months, chemical inventory has been reviewed and updated in the past 12 months, etc. Still working on packaging but wanted to let the committee know that is a document that is in process. If any of the DSO's have recommendations or suggestions of things they would like to see that would help steer their department to complete a checklist to enhance their safety and work compliance, please contact Brian.
  - i. Pilot test in the Spring semester.

- ii. Elizabeth Derryberry – suggested to put a run through of a safety incident on how to proceed or even have a mock incident. Directions about who you contact first, whose second and so on. Communication cheat sheet.
- iii. Training checklist
- iv. Steve Romaniello – suggested administrator training on reporting paperwork, workers comp and things like that. Binder of information a template to go tab to tab of information.

**VII. System safety website, UT President's safety message, & lessons learned library (James Cantu) (0:34:58 – 0:48:19)**

- a. Systems safety website - <https://safety.tennessee.edu/>
- b. We have requested and achieved a safety statement from UT President Boyd on our safety site.
- c. Link to other UT safety offices with contact information
- d. Area for reports
- e. Policies link to the safety section of the UT System Policy page
- f. Two libraries that we have created – Job Hazard Analyses and Lessons Learned
  - i. Job Hazard Analyses are not just safety related positions
  - ii. Lessons learned is a communication tool not a report
    1. These are not just for UTK these are for all UT campus's

There is a link to opexshare that links to DOE facility feed. All kinds of searchable incidents and things <https://opexshare.doe.gov/> You will need to sign up to be able to see this information.

**VIII. Incidents/Concerns (Brian Ranger) (0:48:30 – 1:02:15)**

- a. Expired chloroform/phosgene (Chemistry; see <https://safety.tennessee.edu/2020/09/04/potential-release-of-phosgene-from-old-chloroform/>)
- b. Asphalt oven fire (CEE)
- c. Stop work update (CBE)
- d. Vacuum pump explosion (UPenn; see <https://ehrs.upenn.edu/health-safety/lab-safety/safety-alerts-and-faqs/vacuum-pump-explosion-chemistry-building>)

**IX. New Business (1:02:38 – 1:19:53)**

Two issues for new business

- a. Biology Business Office Chemical Shipment
  - i. Scott Moser - Biology Business Office received a chemical shipment through FedEx or UPS. As they began to unpack the accepted boxes they noticed one was wet on the outside and smelled of chemicals. They called EHS and contacted Dr. Fozo to try to figure out what happened with the package itself. Lid was not sealed tightly on the isopropanol and had leaked on multiple boxes. Lead to a discussion about training for receiving locations on campus.
  - ii. Brian Ranger - The training is based on department of transportation haz mat awareness. Places that received hazardous materials also needs to receive training. Develop a cheat sheet for if you have a package that comes in that looks like this then: who do you call,

what's your call tree, what's the response, should you handle it, should you not handle it, etc. EHS will work with Dr. Fozo to formulate a draft that we can share.

- iii. DOT training is every three years and should be anyone shipping or receiving hazardous materials.

b. Fume Hoods in SERF

- i. Brian Ranger - Fume hoods in SERF that have been modified, included drilling out very large holes, by the user group. Several service ports have been drilled into the side of the fume hood and there have been holes drilled for hoses and tubing. This is just a couple of the hoods that EHS has found that have been modified by the user. This can be very expensive to repair or replace to fix
- ii. EHS is working on a communiqué to go out to the lab listserv about not modifying the fume hoods. Due to the way a lot of these systems are connected through the HVAC system in buildings, making modifications without informing or involving Facilities Services and/or EHS can sometimes disrupt entire banks of these fume hoods. We have no idea what the impact downstream might be, etc.
- iii. Randy Huelsman – An estimator was asked to come out into this lab because they were going to add another oven or something in that room that was going to have to be tied into the exhaust and the estimator contacted Randy and told him to go by the lab in SERF to take a look at what they had done. This is the 4th modification to a fume hood they have come across in the last year. Randy wants to make the research community aware that you CAN NOT do this because it affects not only their lab in many ways, but it also affects other downstream labs as well. This is a safety issue in the lab and others in the building. We need to get a notice out there that if they need something like this they need to contact someone.
- iv. Terry Hazen – Suggestion to write up something for Dr. Crawford to put out.
- v. Ranger – We do have it written up in the Chemical Hygiene Plan in the fume hood section, but we are going to pull that out and send it out as a stand-alone document.

X. **Next Meeting** – October 19, 2020, 1:30-3:00 pm; Zoom Meeting

**Chat messages from meeting:**

13:50:27 From Liz Derryberry: Do we have advice for postdocs and/or faculty that need to get an RT-PCR test before travel to other countries? Many are requiring a negative RT-PCR test with a doctor's signature within 3 days of travel but not clear where to get these in Knox County.

14:03:16 From Shawn Campagna: Brian is teaching on Mondays this semester.

14:07:38 From James Cantu: <https://safety.tennessee.edu/>

14:09:34 From Bill Dunne: Congrats on having a safety statement from President Boyd!!!!

14:20:48 From James Cantu: <https://opexshare.doe.gov/>

14:39:38 From Darcy Rathjen: Scott, can you include JIAM on the receiving training? It might be me... we don't have a shipping manager right now.

14:39:53 From Scott A Moser: sure