Laboratory Safety Committee
Meeting Minutes
November 21, 2022, Zoom Meeting

Attendance according to zoom:

<table>
<thead>
<tr>
<th>Member</th>
<th>Department</th>
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<td>Doug Aaron</td>
<td>MABE</td>
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<td>Mariano Labrador</td>
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<td>Michael Allen</td>
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<td>Bryan Lord</td>
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<td>Chris Baker</td>
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<td>Elysia Mann</td>
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<td>Michael Best</td>
<td>Chemistry</td>
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<td>Bob Martin</td>
<td>EECS</td>
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<td>James Cantu</td>
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<td>Kristen Massey</td>
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<td>Christine Cheney</td>
<td>Physics &amp; Astronomy</td>
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<td>Larry McKay</td>
<td>Vice-Chair : A&amp;S</td>
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<td>Lori Cole</td>
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<td>Ahmad Mitoubsi</td>
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<td>Matthew Cooper</td>
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<td>Sarah Mobley</td>
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<td>Steve Crouch</td>
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<td>Katie Morgan</td>
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<td>Carolina Dolislager</td>
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<td>Bill Dunne</td>
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<td>Cynthia Swift</td>
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<td>Daniel Thomas</td>
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<td>Terry Hazen</td>
<td>Chair-CEE/EPS/Micro</td>
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<td>Joseph Williams</td>
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<td>Sally Horn</td>
<td>Geography</td>
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<td>Ling Zhao</td>
<td>Nutrition</td>
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<td>Randy Huelsman</td>
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<td>Anneke Janzen</td>
<td>Anthropology</td>
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<td>Jeremiah Johnson</td>
<td>Microbiology</td>
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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
  - NE major findings_DH_PI_responses
Topic Summaries

I. Introductions – New LSA’s
   o None

II. Approve Minutes from Last Meeting (9/19/2022)
   o 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
   o 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
   o 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.
   o 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
    o 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
  o Move happening in stages
  o 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]