

San Jose State University  
College of Science Safety Committee

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**Meeting Minutes**

Thursday May 11, 2023 at 1:30 P.M.

Zoom Meeting

Membership: Christopher Smallwood, Philip Dirlam, Craig Clements, Fabio Di Troia, Yan Zhang, Jennifer Johnston, Nate Bogie, Randy Kirchner, Victor Maraschin, Jocelyn Douglas, Skye Kelty, Miri VanHoven (CLS, PD, CC, FDT, YZ, JJ, NB, RK, VM, JD, SK, MVH)

Call to Order: 1:38pm

- Members present: CLS, CC, FDT, NB, RK, VM, SK, MVH, MK
- Members absent: PD, YZ, JJ, JD, MK

Minutes:

- Minutes for 4/13/2023 need to be approved.
  - Move to approve: Chris
  - Yes: Unanimous CLS, CC, FDT, NB

Old Business:

- DH Flooding Updates?
  - The College and University have a request out to get an engineer into the building to assess and formulate a mitigation plan.
  - Any new incidents following rain showers in May?
  - Update from Miri: In the Duncan Hall basement, there are 3 sources of leaks. The ones that we have had have been very long time, create little drips. These come from expensive problems. There is a seal on the wall of the basement and there are problems with the pavers up above. Small slow leaks. Also some in the hallway near the elevator. Mostly it. And it important to address, but not the big leaks. The big problems were actually coming up directly through the slab. In addition to record setting rains, the big problem was the ISB project cut the wires of the sump pump under Duncan Hall. It took a while to figure out what had happened. They fixed the wires, and then they decided to get new sump pumps that are more powerful. Ever since they fixed, there haven't been any more leaks. The plan is to just re-finish the floors. Because of all the water coming up through the slab. They left it bare. Now they are going to seal that up, and they will probably just grind it all down and put on a nice seal. Number 1 issue on the deferred maintenance is these larger issues. Animal care room, can't have that leaking. Remaining rooms will remain functional. Seems that the big problems are fixed.
  - Ceiling outside DH17. There is a combined plumbing and steam leak that is causing an issue right outside the door to DH17. Contractor, but they will have to shut down water to the entire north side of the building. They are waiting until after the end of the semester.

- CLS: Are they going to put down new tiles? MVH: No, the popular thing is to apply a polish, finish, and seal.
- MVH: They may even do a test, with lots and lots of water. Expected that this might get looked at sometime within the next couple months. traci ferdolage (AVP Senior Associate Vice president for FD&O) is on it; looking at sensors, maintenance schedule, new sump pumps.
- NB: They need to put some transducers in the wells.
- MVH: I've heard that Duncan hall is an old creek bed.
- NB: Don't know about all geology, but from looking at the well logs there are large sections of course grained sediments that water could move through quickly.
- MVH: Biggest concern – would basement have to be evacuated entirely? Seems to be the case not.
- Compressed Gas SOPs. Updates?
  - SK: For folks having some uncertainty about the move, I can extend, or if completely inactive. (Plumbed into a machine would have to be sealed off.)
  - CLS: For the most part, let's check in directly with Randy about this.
  - CLS (with Randy here): How are we doing with Compressed Gas SOPs.
  - SK: There may be some MAQ violations. Should probably solve itself. Enforcement may include taking away gas cylinders.
    - Elevators with compressed gasses
    - Liquid nitrogen dewars
  - Cylinders - one person can be in the elevator, not more than that. Cryogenic – no one can be in.
  - If you have a compressed gas cylinder or using liquid nitrogen. PI needs to develop an SOP for the research students.
  - RK: Do I develop the SOP or does the PI do it?
  - SK: There is a pretty intense template. There are only a few situations that aren't already covered in the boilerplate SOP. Should be pretty easy for folks to delete otu. And I have office hours Tuesday and Wednesday can help.
- General BUA support/training/guidance request?
  - (From Skye, last time): Get the word out that new members are needed to serve on the IBC, including (perhaps especially) volunteers external to SJSU.
  - Is there any benefit to forming a CoS Safety Committee Subcommittee on this? Are things already being sufficiently handled elsewhere? (CoS Safety Committee does not meet again until Fall 2023.)
  - Skye: We've had no professors or community member volunteers, so it's still a pretty bad situation.
  - MVH: We're going to need two faculty from either chemistry or biology, and one of them has to be animal containment. Can it be someone who just reads about this?
  - SK: Previous research would also qualify. Easiest if they have animal experience. Jessica and Richard would have to decide if that is acceptable and/or meets our charge.

- SK: We need people to have joined by the end of the month. Member that is resigning has agreed to extend, but if we don't get someone by the end of May, then the committee is not going to be able to vote or enforce anything.
- MVH: For example, I am moving my lab. Do I need to be working on paperwork now?
- SK: Yes, you'll be getting an email from me about that.
- MVH: Are there any additional summer meetings?
- SK: So far, no. One faculty member (Katy Cao) has agreed to meet, but it will depend on the preferences of the new members.

New Business:

- General Public Service Announcement: There is a [form](#) to fill out if you get hurt at work. You are required to fill it out. Informs the university on what needs to be improved. And also is relevant to workman's compensation.
- MVH: We had a couple of move meetings yesterday, that a lot of people had attended. Safety was a big focus of that, and Skye was awesome. Cleared up a lot of questions for folks. Lots of lab inspections that will be required. Randy and Skye doing lots and lots of work here. Decon is actually not a very big deal. All the things that we have to do with chemicals are things we have to do anyway.
- Summary of accomplishments:
  - Thank you all so much – Skye especially! (chemical labeling, laser authorization and SOPs)
  - Open lines of communication remain one of the most important features of the Committee's work.

Adjournment: 2:31pm