

San Jose State University  
College of Science Safety Committee

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**Meeting Minutes**

Thursday December 8, 2022 at 2:30 P.M.

Zoom Meeting

Membership: Christopher Smallwood, Philip Dirlam, Craig Clements, Fabio Di Troia, Yan Zhang, Jennifer Johnston, Nate Bogie, Resa M. Kelly, Randy Kirchner, Laura Miller Conrad, Victor Maraschin, Jocelyn Douglas, Skye Kelty, Miri VanHoven, Michael Kaufman (CLS, PD, CC, FDT, YZ, JJ, NB, RMK, RK, LMC, VM, JD, SK, MVH, MK)

Call to Order:

- Members present: Christopher Smallwood, Philip Dirlam, Fabio Di Troia, Yan Zhang, Jennifer Johnston, Randy Kirchner, Laura Miller Conrad, Jocelyn Douglas, Skye Kelty, Miri VanHoven, Craig Clements
- Members absent: Nate Bogie, Resa M. Kelly, Victor Maraschin, Michael Kaufman

Minutes:

- Minutes for 11/10/2022 need to be approved.
  - Approved (7 yes, 2 abstain)

Old Business:

- Lab coat cleaning status/update from Philip.
  - PD: Transfer to department level for Chemistry.
- Field Safety Program - some quick updates from Skye and a proposal to table the discussion until spring, when campus-wide initiatives have been a little bit more clearly laid out.
  - *Note from Skye*– Important NSF requirement– NSF is requiring: "[Plan for Safe and Inclusive Field/Vessel/Aircraft Research \(PSI-FVAR\)](#)," for proposals to NSF that [include fieldwork](#)." Therefore, Office of Research and/or Research Foundation are enacting an SJSU policy to meet this requirement. The authority for this decision is not finalized and the policy is still being drafted, so stay tuned for updates.
    - SK: Met with office of research compliance folks. NSF says you have to have plan for safe and inclusive field work. Some office needs to create a campus wide policy in order to adhere to the NSF requirements. Professional safety folks throughout the university will be involved and an announcement from them is forthcoming. Support for executing the plan from the campus/university level will be minimal, need to implement programs at the department and college levels.
    - JD: Moss Landing has active fieldwork and safety protocols in place that are actively implemented. Moss Landing and their field safety practices can serve as a model for those looking to implement field safety in their programs.
- Compressed Gas SOPs. Any feedback from the Departments? Timeline updates?
  - Blast shields are required for liquid nitrogen.

- Transporting liquid nitrogen via elevator: need a system to prevent humans from occupying an elevator that is actively transporting a dewar of liquid nitrogen.
  - RK: Setup a chain with sign that communicates “Liquid Nitrogen Transportation in Progress, Do Not Enter.” Have FDO install hooks so the chain can be mounted.
- Committee members from departments with compressed gas cylinders or liquid cryogenics: Please bring up at first department meeting of the Spring Semester (2023)
- Coordinate with Randy (in Duncan) to establish frequency of need and locations of blast shields
  - PD: Determine how many vacuum systems that run liquid N2 cooling and what labs they are in.

New Business:

- We need to settle on a spring semester meeting time.
  - <https://www.when2meet.com/?17671087-cjX9e>
  - CS: Proposed: 2nd Thursday of the Month 2:45 - 3:30 pm
    - Tentatively approved.
- Skye update– Research Foundation and some campus procurement folks will be including these reminders for purchase. Not a go/no-go point, just a reminder.
  - **Chemical purchasing blurb that you can share with the PIs:** EH&S is responsible for ensuring that hazardous chemicals are safely permitted, stored, handled, and disposed of as required by regulations. Prior to obtaining any chemicals that are not already in your [RSS Chemical Inventory](#), submit a [Chemical Procurement Request Form](#) for individual chemicals or whole experiments. Then, EH&S will let you know if any safety precautions must be made prior to using the chemical. This process can usually be completed within 1 day if chemicals are not substantially hazardous OR if they are already used safely in your lab. You can also submit this form anytime you want a formal chemical safety consult or if you want to use existing supplies on campus instead of purchasing your own. Additional information can be obtained from the Chemical Hygiene Officer, Dr. Skye Kelty ([skye.kelty@sjsu.edu](mailto:skye.kelty@sjsu.edu)).
  - **General lab/shop equipment purchases blurb:** FD&O must confirm that major equipment is installed according to Building Code, supplied with required utilities, and included on any relevant maintenance/certification schedules. Please work with your department or your college Director of Resources and Operations to make sure you complete any required permits for equipment before purchasing. One example is the [Fixtures, Furnishings and Equipment Permit](#).

Adjournment: Motion to adjourn: PD, 2nd: CC, Yes: Unanimous. Adjournment at 3:23 pm