

CHAT DIALOGUE FROM MID-ATLANTIC COVID-19 PROTOCOL DISCUSSION

INTRODUCTIONS:

George Coles ; Johns Hopkins Applied Physics Laboratory

Tony Boyd, US Naval Research Lab Nanoscience Institute

rob ilic NIST

Meredith Metzler - UPenn

Jessie Zhang - NIST

Jasper Nijdam - Georgetown

Vishal Narang, CUNY ASRC

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John Abrahams- University of Maryland Nanocenter

Sean Rinehart, Yale

Ming Lu, CFN of Brookhaven National Lab

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Gwen Wright, CFN at Brookhaven National Lab

Iulian Codreanu, Delaware

Eric Johnston, Penn

Jun Chen, University of Pittsburgh

Daniel Jean, Naval Surface Warfare Center, Indian Head

Joe Palmer, Princeton University

Norm Gottron, Carnegie Mellon

Zuzanna Lewicka, Princeton University Cleanroom

CONVERSATIONS:

From Ian Harvey to Everyone: 01:12 PM

Matt: would the UV flood exposure also be effective in periodically cleaning the bins?

From Me to Everyone: 01:14 PM

I believe they would, but the lids would most likely filter out the UV wavelengths responsible for the sanitization, so while the outside could be sanitized, the inside likely would not.

From Ian Harvey to Everyone: 01:17 PM

Similar topic: At Princeton we are looking at removing a wall adjacent to our storage racks (to be converted to shelving and bins) so that our inflow of people gowning does not collide with people de-gowning

From Vishal to Everyone: 01:35 PM

I wear these and have not experienced fog <https://www.amazon.com/gp/product/B01A12J3GI/>

From Ian Harvey to Everyone: 01:39 PM

Will anyone be able to comment on procedures to follow in the event that a known exposure event has occurred, post start-up.... closing down again? decontamination procedures?

From Me to Everyone: 01:42 PM

Ian, our University has so far taken the approach where they temporarily close the area, sanitize, and reopen after a period of time. In addition, they are tracking who that person had come in contact with and when. If they were in contact with others, those individuals are also being asked to self isolate for 2 weeks.

From Ian Harvey to Everyone: 01:45 PM

I'm wondering about sanitizing.... Our university is currently in low-budget mode during the closure so that our fab is running at 50% air recirc. But to keep the place clean, we need to be running the air through the HEPA's. I'm wondering about a sanitizing procedure that would also run the humidity low and if possible, let the temperature float high (up to 75°)

From Paul Kimani - Univ of MN to Everyone: 01:49 PM

- The goal is to rely on users following protocols in the lab, rather than hard restrictions from Minnesota Nano Center. As protocols change, they can be conveyed to users without hard restrictions
- Increase airflow in the lab and gowning room.

- Increase airflow in the office area
- Work in shifts/alternate days
- 70% IPA/DIH₂O (minimum) spray bottles available at cleanroom entrances and in all bays
- Wipe down hard surfaces in the gowning room with 70% IPA/DIH₂O every morning. Have designated people wiping down door handles and such each morning and afternoon in Keller gown room, office area doors, dock area in PAN.
- Shoe covers (outside gowning entrance), then gloves, facemask, and hairnet as you walk in the gowning room
- Limit the number of people in the gowning room to two people. Require users to wait till the one(s) ahead have moved on. Post signs to remind people not to linger around or browse their phones in the gowning room. Require users to wait outside the cleanroom

From Tim Miller (NASA Goddard) to Everyone: 01:50 PM

Tim Miller from NASA Goddard, I wanted to mention that requiring use of N95 invokes OSHA regulations. Even for voluntary use there is a voluntary use form for OSHA

From Mark Weiler to Everyone: 01:56 PM

With all of the wipe downs and use of disposable material, should we ensure our rubbish bins are equipped with flaps or other means of self closing after disposal?

From ys349 to Everyone: 02:05 PM

Maybe bin with exhaust line connected would be a solution

From Sean Rinehart to Everyone: 02:31 PM

I use a 3M acid gas cartridges semi-regularly and that's P100

From Kyle Keenan to Everyone: 02:33 PM

Doing any kind of heavy lifting or rigorous work wearing SCBA might leave one short of breath.

From Jasper Nijdam to Everyone: 02:34 PM

This is a helpful paper on the protection as provided by common textiles.

<https://pubs.acs.org/doi/10.1021/acsnano.0c03252>

tldr: It ain't that great.

From Jessie Zhang to Everyone: 02:41 PM

Regarding to the gowning/pre-gowning room, I think all the doors should be switched to glass doors so it is easy to see through.

From Sean Rinehart to Everyone: 02:47 PM

Jury's still out on herd immunity being a thing or not with this. <https://www.who.int/news-room/commentaries/detail/immunity-passports-in-the-context-of-covid-19>