



COVID-19 Child Plan/Workspace Safety Plan Stage 2 Amendment for: Sebastian Medrano, Shared Soft Lithography Facility, 143A

UBC is starting Phase/Stage 2 of the COVID-19 response. Timing of the restart and requirements may vary by Faculty. This form is intended to amend the original workspace plan submitted as part of the Phase 1 return to research. The amendment will be reviewed by members of the Local Safety Team and/or by others appointed by the Director of AMPEL. It will be signed off by the relevant department head.

Resources to Consult

The following guidance documents and resources were used in the development of this plan:

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| <input checked="" type="checkbox"/> Preventing Exposure | <input checked="" type="checkbox"/> Communications Resources |
| <input checked="" type="checkbox"/> Personal Protective Equipment | |
| <input checked="" type="checkbox"/> Physical Distancing Guidelines | <input checked="" type="checkbox"/> WorksafeBC |
| <input checked="" type="checkbox"/> Reporting COVID-19 Exposure | |

Along with the Brimacombe Safety Plan/Intermediate plan (updated for Stage 2), as well as the Faculty of Science and Applied Science Safety Plans (Parent plan in the case of Applied Science).

During Stage 2, the overall laboratory occupancy should be the lower of either 2/3rds of normal occupancy, or the maximum number of people allowable given physical distancing requirements and access considerations. Weekend (7AM-6PM) access may now be requested. Faculty office use may be allowed in a limited number of cases.

In this document, workspace plan refers to the Return to Research document or Workspace Safety Plan that was filled out and approved as part of phase I. Stage II refers to the next phase (Stage 2 follows Phase 1).

1. Occupancy

Normally occupancy will stay the same as it was in Phase 1, unless modifications are requested. If changes are requested, please indicate the new occupancy levels and provide a map depicting the individual workstations. Include a 2 m diameter circle for scaling. Also provide arrows indicating directions of circulation, if appropriate.

(No response required. Leave blank unless changes are requested.)

No changes in occupancy are required. The regulations described in Section 4 and 5 of Phase I space arrangement will be maintained.

2. Updated Access List for Laboratory Space:

How many researchers and others normally have access to the laboratory space?

Usually 4 users occupy the space at the same time. It is expected to maintain the current regulation of maximum 2 users at the time at any moment.



How many do you plan to have return at this time? Only those for whom access is important for completing their work should be admitted.

3 more users will perform activities. The Scheduling and occupancy of the laboratory will stay the same as described in the Phase I plan, sections 4 and 5.

Please provide a list of all those who you wish to have access to laboratory space in Stage II.

3. Working within 2 m:

Working in close proximity should be avoided where possible. Double protection is required (face mask plus face shield) for people working within 2 m. Nitrile gloves and a lab coat are recommended.

Are there situations (training, special procedures etc.) where two or more people will need to work in close proximity?

YES

Please describe the situations, including frequency, duration, and any hazards associated with them. How will the hazards and COVID-19 risks will be mitigated? If already covered in the workplan, simply mention this and refer to the section/page.

There will be the need for training in the laboratory, which will require two people occupying the same area. There are two training events expected to take place in the next months. The training for all instrumentation in the laboratory usually takes about 1.5 hours. For training purposes, additional personal protection equipment will be required for all users involved as described in Section 13 of the phase I plan.

4. Weekend and After-Hours Access:

Access is now possible on weekends from 7 AM to 6 PM. During the weekends occupants should not make use of building common areas, except washrooms. Only the washroom nearest to the lab should be used. Do you plan to have researchers access the lab over the weekend (Saturday/ Sunday 7 AM to 6 PM) or after hours?

Yes, users have requested weekend access. Due to the need to avoid conditions where the user will work in isolation, two users are expected to work in the facility during weekend activities.

In the case of requiring to work in isolation during the weekend:

- The user will communicate with the lab manager their intention to work on the weekend in isolation and provide the following information:
 - Day and time window of activities in the lab.
 - Name and contact information of contact person who will monitor the user's wellbeing working in the laboratory.
- The check-in frequency will be every **two hours**.
- In case of failing to make successful contact with the person working alone after 2 hours, the contact person will:
 - If the contact person is in the building: check room 143A to verify wellbeing of the person working alone. In case of emergency contact 911 and campus security at [\(604\) 822-2222](tel:6048222222)



- If the contact person is outside of the building: contact campus security at [\(604\) 822-2222](tel:604-822-2222) and report the situation.

After Hours: Normally access between 6 PM and 7 AM is not permitted. If such access is needed, please justify it. For after-hours work, researchers must not impede building cleaning, and should post signage if working during cleaning times.

Describe how will occupancy limits and records of those who were present in the lab will be maintained. You may refer to the pages and sections of the Phase I workspace plan if there are no changes.

After hours work has been requested by users. HQP are being significantly slowed in their work due to the high demand for space in the facility. After hours work will be allowed until 10:00 pm under the following regulations:

- No high-risk work will be allowed after-hours including:
 - Work with corrosive materials
 - Work with more than 1L of flammable materials
 - Work with strong oxidizers
- If the work is done in isolation: the user will follow the next procedure:
 - The user will communicate with the lab manager their intention to work after-hours in isolation and provide the following information:
 - Name and contact information of contact person who will monitor the user's wellbeing working in the laboratory.
 - The check-in with the contact person will be at beginning and end of activities due to the low-risk nature of the expected activities.
 - In case of failing to make successful contact with the person working alone at the end of the programmed activities after 15 minutes, the contact person will:
 - If the contact person is in the building: check room 143A to verify wellbeing of the person working alone.
 - If the contact person is outside of the building: contact campus security at [\(604\) 822-2222](tel:604-822-2222) and report the situation.
 - In case of emergency contact 911 and campus security at [\(604\) 822-2222](tel:604-822-2222)
- User will place a sign on the door (available in the room) indicating activities taking place after hours for building staff in charge of cleaning to avoid entering the laboratory.

5. Supervision and Working Alone



Please outline any working alone, supervision and other safety procedures. If the procedures have not changed since Phase I, please refer to the relevant section(s)/pages in the workspace plan.

Monitoring will continue to take place as section 10 of the Phase I plan. For the specific case of potential work alone conditions during the weekend, please see section 4 of this document.

6. Faculty Offices

The Faculty level stage II plan limits the number of faculty returning to 25%. All returning faculty must complete the mandatory safety training. If you are requesting the use of faculty offices, please outline the rationale. Due to the limited access allowed at this time, we may not be able to approve all requests.

Doesn't apply

7. Staff and Researcher Office Space

Researchers and office staff who can work from home are expected to continue to work from home. Please contact the AMPEL Director if you have a need to use office space in Brimacombe.

Doesn't apply

8. High Risk

Activities are considered high risk for COVID-19 if they meet any three risk considerations below. Please note, the risk assessment is done before the risk mitigations are in place.

- o Risk #1 – public facing units (interactions with 10+ people who are not your regular colleagues)*
- o Risk #2 – Prolonged close interaction with others (not in the usual cohort of colleagues); if contact lasts for more than 15 minutes*
- o Risk #3 – The workplace or activity is indoors and windows cannot be opened (e.g., some classroom and meeting spaces)*
- o Risk #4 – Employees/students/visitors have frequent contact with high-touch surfaces*
- o Risk #5 – The activity involves people who are at higher risk of severe illness (i.e., older adults or those with chronic health conditions)*
- o Risk #6 – The activity involves people who are not able to follow hygiene practices such as washing hands frequently, and identifying when they are feeling ill and staying home (e.g., Childcare Facilities, summer day camps)*

Do 3 or more of these situations potentially apply to any of your activities and spaces within Brimacombe?

NO

If maybe or yes, please discuss these with the AMPEL Director and the Local Safety Committee. If certain risks cannot be eliminated then an alternate review path will be needed.

Signatures

I/We agree to abide by the procedures described in the approved phase I workspace plan, as amended by this document. I/We will ensure that all researchers and staff who have access to the spaces covered in this document are aware that they also need to abide by these procedures, and that they complete safety training, including COVID-19



training, before returning to work. They have been made aware of physical distancing requirements, procedures for working in close proximity (where relevant), scheduling, working alone procedures and other safety considerations. I/We will arrange to keep track of and maintain records of occupancy during the period of COVID-19 restrictions. I/We will arrange for records of completed training and of the procedures (workspace plan and this amendment) to be accessible from the workspaces. Occupancy limits will also be posted in each space.

Principal Investigator (Director or Manager in case of shared facilities)

Name: Sebastian Medrano ***Signed*** Signature:
Date: Aug 26th, 2020

Additional PI/Manager (copy as needed)

Name: Boris Stoeber *** Signed*** Signature:
Date: Aug. 27, 2020

Approvals

Director of AMPEL or Designate

Name: John D Madden ***signed*** Signature:
Date: 30 August 2020

Department Head or Designate

Name: Signature:
Date: