



## COVID-19 Child Plan/Workspace Safety Plan Stage 2

### Amendment for:

**Boris Stoeber, Brimacombe 146, 146A, 146B, 146C and 146D**

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:

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

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.*

Fig. 1 shows a floorplan of the lab rooms including green 2 m diameter circles for fixed workstations. Blue 2 m diameter circles are used for shared workstations such as the fume hood and the sink. Of these large numbers of potential workstations, only a limited number will be occupied at any one time to facilitate working and moving around the lab – as outlined below. In cases where a person needs to pass another person to leave their work place, both should communicate. When safe and convenient, the second person should step out of the way to let the first person pass.

The Stage 2 occupancy levels are as follows for the different rooms:

- 146: 4 & 1 passing through
- 146A: 1 & 1 trainer



- 146B: 2 & 1 trainer
- 146C: 1
- 146D: 1 & 1 trainer

The maximum occupancy for the entire space is normally 9, with a possibility of reaching 11 in the rare case when training is occurring in two of 146A, B, and D.

Every user will enter and leave the lab area through the main door in room 146 as indicated during Phase 1.

We will continue to use the room booking system introduced in Phase 1:

<http://stoerberlab.mech.ubc.ca/room-reservation/>

Maximum lab occupancy numbers will be adjusted according to the list above.

Mouth-and-nose covering non-surgical masks are mandatory in the lab as it is a shared indoor space.

The wearing of a mask is not necessary when working alone in a lab room. When work is performed during which wearing a mask represents a risk for the wearer, then a mask should likewise not be worn; in such a case, physical distance must be maintained, and there would ideally be no other person present in this particular lab room.

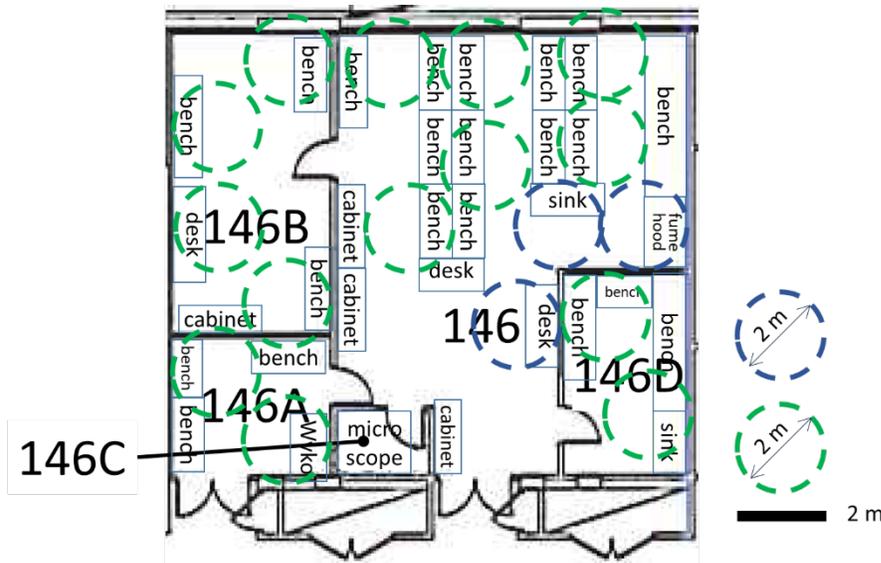


Figure 1: Potential packing of people for maximum occupancy of the rooms 146, 146A, 146B, 146C, and 146D while maintaining 2 m distance between people; green 2 m diameter circles indicate fixed workstations, blue 2 m circles indicate shared workstations.

## 2. Updated Access List for Laboratory Space:

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

Normally, all HQP of the Stoeber Lab and the Grecov Lab including the PIs have access to the laboratory space. In addition, several HQP from other labs are using the space to access equipment such as the optical profiler in 146A. We are also in the process of setting up additional equipment in 146A that will be of interest to HQP from other labs. Approximately 40 people would normally have access to that space.



*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.*

At this point, only about 20 people who need laboratory resources to complete their work will have access to the laboratory space.

*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?*

Normally, a 2 m distance should be maintained also during training. In rare cases, a 2 m distance between people may not be possible.

*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.*

In rare cases, a 2 m distance between people may not be possible during a training session. Such a situation may occur once per month or less frequently. There are no hazards associated with these situations besides COVID-19 risks. In these cases, double protection is required (face mask plus face shield) for people working within 2 m, and nitrile gloves and a lab coat are recommended.

### 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

*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.*

Previously, weekend access for Nicholas \*\*\* had already been granted. Nicholas requested weekend access for the following reasons: Weekends are a very productive time for Nicholas. Since his research is divided into two subject areas, having lab access on weekends would give him much-needed flexibility for planning his experiments.

After-hour work has been requested by users. During periods of heavy lab use, after hours access will be available to avoid running into the lab occupancy limit. 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, then the working alone procedure outlined in Section 3, 4. Scheduling of the Workplace Safety Plan (Phase I) will be followed.
- The user will place a sign at the door (available in the room) indicating activities taking place after hours to alert building staff in charge of cleaning of such activities such that they can avoid entering the laboratory.

*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.*

We will continue to use the online calendar for booking lab access as outlined in Section 3, 4. Scheduling of the Workplace Safety Plan: <http://stoeberlab.mech.ubc.ca/room-reservation/>. The sign-in sheets for each lab room will no longer be used to reduce the number of frequently touched areas in the lab.

## 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.*

The working alone procedure is outlined in Section 3, 4. Scheduling of the Workplace Safety Plan.

## 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.*

N/A

## 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.*

N/A

## 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.*





## Approvals

Director of AMPEL or Designate

Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Department Head or Designate

Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Date: \_\_\_\_\_



### Brimacombe Access Agreement/Return to Campus Activity Commitment Form

Building requirements for conduct related specifically to COVID-19 safety have been developed for the **Brimacombe** building in general and workspace in particular. The building guidelines have been co-developed by the LST. **All students, staff and faculty** who are permitted to resume activities in the Brimacombe building are required to complete the following requirements. The signed form is to be stored such that it can be readily accessed from the spaces for which this plan is developed.

| Requirement  | Check when complete |
|--|---------------------|
| Review the building safety plan  |                     |
| Review the workspace safety plan including this amendment  |                     |
| Complete the SRS online COVID-19 safety course and sent the certificate to the lab supervisor or the manager of the space. |                     |
| <i>[List any other specific training you require]</i>  |                     |

Your name: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Faculty/Dept. \_\_\_\_\_ Your main room no. \_\_\_\_\_

Your role (faculty, staff, grad student, etc.): \_\_\_\_\_

Supervisor Name: \_\_\_\_\_

By your signature you agree that you:

- Will check-in and check-out (FOB and QR code access) of the Brimacombe building
- Will protect yourself and others against getting COVID-19 (stay home if ill; avoid touching your face; wash hands frequently; physical distancing > 2 m)
- Will not enter the building unless authorized by the schedule set up by your group/ supervisor
- Know the guidelines for entry/exit to/from the building and getting around it
- Understand access rules for washrooms and the photocopy room
- Understand the eating and common area guidelines
- Will clean and disinfect commonly touched surfaces and shared equipment/tools, and complete the sanitization checklist, following the procedures of your workspace plan
- Know who to contact for safety and interpersonal concerns/problems
- Will abide by the working alone policy for your lab
- Know and follow the building evacuation procedures in case of emergency
- Know what to do if someone shows signs of respiratory illness
- Understand that not following the procedures can put yourself and others at risk, and may result in loss of building and campus access