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.

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 an 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.

The new occupancy level for Brimacombe 169 will be a maximum of 4 people, which represents less than 60% of the lab members. To accommodate for this increase in occupancy, section 5 (page 4) of the Phase I safety plan will be modified as follows:

The lab map has been modified below to include four 2 m diameter circles to indicate the individual workstations that would be used if the maximum occupancy is reached. When there are 3 or 4 individuals present in the lab, use of masks will be mandatory, even if social distancing is being maintained. When there are 1 or 2 individuals only, the same protocols as the Phase I safety plan will be followed. On occasions when two individuals need to work within less than 2 m of one another, the same protocols as in our Phase I addendum will be followed. These consist of use of gloves, masks, safety glasses, face shields, and lab coats. We expect this to happen for a total of only a few hours per week, for some of the UHV work were heavy parts need to be mounted, as well as training and optical alignment purposes.
2. Updated Access List for Laboratory Space:

*How many researchers and others normally have access to the laboratory space?*
In normal times, 12 individuals had access to the lab. Currently, 4 individuals have access as part of Phase I.

*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.*

We plan to have 2 additional individuals, for a total of 6 returning at this time. However, there will never be more than 4 individuals at any given time. We will continue to use our online calendar for scheduling and tracking access.

*The list has been removed for privacy purposes. The contact list can be accessible on SharePoint by the Research Center Director as well as the Department Head.*

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.

This is already covered in the workplan, in section 2 (page 3), section 6 (page 5), section 7 (page 6), and section 8 (page 6). Also please see the first page of the current document.

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.

We request weekend and after-hours access. In particular, our electron microscopy project frequently involves experiments that are difficult to plan in terms of length, given their prototyping nature. Experiments are typically cut short and resumed the following day due to the 6 pm cut-off, which adds delay due to the time taken to initialize and terminate the experiments. Therefore, after-hours access is requested such that experiments can be completed during the same day. Weekend access is also preferred to accelerate progress of the electron microscope project, which is time sensitive given its strong commercial potential. The after-hours and weekend access will be given to the group members working on the electron microscope project, which includes Casimir Kuzyk and Alex Dimitrakopoulos in addition to Alireza Nojeh and Igor Sekachev. When these group members work during cleaning times, appropriate signage will be posted outside of the laboratory door to signify their presence.

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.

Refer to the Phase I workspace plan, in section 1 (page 2), section 4 (pages 3 and 4), and section 5 (page 4).

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.
Refer to the Phase I workspace plan, in section 1 (page 2), section 6 (pages 5 and 6), section 7 (page 6), section 8 (page 6), and section 12 (page 7).

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.

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: Alireza Nojeh
Date: 13 August 2020

Additional PI/Manager (copy as needed)

Name:
Date:

Approvals

Director of AMPEL or Designate
Name: John D. Madden
Date: 15 August 2020

Department Head or Designate
Name: Steve Wilton
Signature: Signed

Version: July 26th, 2020