COVID-19 Workspace Safety Plan – Lab Specific

Use of this template: All light italicized grey font are instructional and must be removed before final copy is approved. Complete this form, sign it (all PIs sign with members entering a lab space, including quick visits – add more signature lines as needed), and submit to John Madden (ampel.din@ubc.ca) cc’ing Gary Lockhart (Gary.Lockhart@ubc.ca) in order to request approval for restarting research. APSC SBQMI members please also copy Andrea Damascelli (andrea.damascelli@ubc.ca) and Pinder Dosanjh (dosanjh@phas.ubc.ca) even if your space is not part of QMI (e.g. most of the APSC space in the Brimacombe extension is non-QMI. The magnet lab in the original building is QMI controlled space overseen by AMPEL). Please also cc your department head or appropriate departmental contact. Once this plan is accepted, complete and sign the 11th VPRI Access Agreement (sent to you separately) and have it posted on each exterior lab door, along with this plan and the list of approved users. Applications are accepted immediately. The re-opening date will depend on approval of faculty level restart plans, in addition to the time taken to review applications. Additional forms and approvals are required by APSC – see the email from Walter Merida from June 1 2020.

If members of your team need to access other labs in Brimacombe or on campus, please contact those labs or facilities to make them aware and to find out about their procedures. They may need to add the names of your team members to their application forms.

This workspace safety plan will assist Principal Investigators who wish to continue or resume research activities in their lab. This plan will include a review of activities to be undertaken in the lab to ensure effective controls are in place to prevent the spread of COVID-19. Principal Investigators are responsible for ensuring this document reflects current government guidance and notices which can be found, along with information about UBC’s response to the pandemic at https://covid19.ubc.ca/.

This plan must be reviewed by your Local Safety Team, and signed by your Unit Head/Director. Once complete, the plan can be submitted with your online application to return to research.

Standard hours of return: Phase I occupancy 7 AM to 6 PM Monday to Friday.

Resources to Consult

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

- Preventing Exposure
- Personal Protective Equipment
- Physical Distancing Guidelines
- Reporting COVID-19 Exposure
- Communications Resources
- UBC Research Resumption webpage
- WorksafeBC

Section #1: Lab information
Introduction to Your Lab

Provide a brief overview of your lab(s) and other used/shared facilities, current size of your group and your general research area (1-2 sentences). Please include typical numbers of visitors, summer students and others in your numbers, to give an idea of regular occupancy. Indicate if the lab space you are applying for is shared, or has instruments or tools that are shared. All PIs that share the space or supervise students and other researchers who share the space (e.g. who may come in to use an instrument even for a short period of time during phase I) must sign this form. Any researchers accessing the lab including students that share the space must also sign the access agreement below.

This is a lab shared by two PIs: Wenying Liu (Hydrometallurgy) and Leili Tafaghodi (pyrometallurgy). The lab is approximately 1000 ft².

Liu: This part of the lab is a wet area. The main research activities are ore leaching and metal extraction experiments carried out in 500 mL reactors at atmospheric pressure and less than 50 °C. There are 6 members currently in the group: 2 postdoc, 3 PhD, and 1 MASc. Normally, there are 4-5 active lab users in this part of the lab. For phase 1 access, there will be only 1 user using this part of the lab. He will have his own bench space, fume hood, and sink. No other users will share this space or any equipment/tools in this space.

Tafaghodi: The research activities in pyrometallurgy side of the lab are primarily focused on the experimental work associated with high temperature extraction and refining of metals. It is equipped with two high temperature furnaces and two lab scale grinders and one fume hood. There are currently 5 members in the group: 3 PhD students, 1 MASc student and 1 visiting scholar. Being an early career faculty, I’m requesting access for two students at a time during phase 1. Each student is assigned to a separate 150 ft² space. I’m also requesting access to high head area for 1 student at a time.

Section #2 - Risk Assessment

1. Lab/workspace Occupancy (under proposed COVID-19 operations)

List the number of people that will be present in your lab/workspace at the same time. List this by every room/lab/workspace you occupy.

Confirm that you have discussed each employee’s comfort level with returning to work and have addressed any concerns, or will require further assistance in doing so. Any worker (staff, students, faculty, post docs, research associates, technicians and other research personnel) who has concerns about returning to work on campus can request an exemption to his/her supervisor.

List the users of the lab space and the approximate number of hours per week in the table.
- Provide actual numbers and percentage of previous i.e. 1/3 of 'normal' operations
- Outline who remains working remotely and who you’ve requested back to work and why
- Provide a list of all lab members and members of other groups that you anticipate working in the lab space during this period, along with an estimate of the number of hours per week.
  Note that standard hours of opening in Brimacombe will be 7 AM to 6 PM M-F.

We have informed all workers that “Private transportation is encouraged.” If you are sick or feel stressed about coming to the lab, then stay at home.” We have not requested that anyone return to work. Resuming on campus research activities is on voluntarily basis.

Kresimir will be back to work. He is a 4th year PhD student and is at the critical stage of his experimental work for graduation in November 2020. This is 1/5 of normal occupancy of this part of the lab.

Ronny (3rd PhD, ICP manager) will access lab 363 for managing the ICP, which is a shared facility (this has been included in the plan submitted by Edouard Asselin).

Sahand is a 4th year PhD student. His experimental work and hence his graduation date has been significantly delayed due to the curtailment of research activities. He is my first PhD student and it is critically important that he finishes the remaining experimental work in the next few months.

Tahmeed is a 2nd year MASc student. He is at a crucial stage of his research and needs access to the furnace in the High Head area and QMI 379 on a part time basis.

Golam and Rishu will also need access on a part time basis.

In total, room 379 will have maximum 3 people at any time. This is 1/3 of the normal occupancy.
COVID-19 Lab Safety Plan Brimacombe Template 2 June

One student at a time (Tahmeed Tasnim or Golam Ismot ara Taposhe) will be present in the high head area.

2. Hazard Identification
Describe what hazards exist in your lab/workspace; both research-related (chemicals, heavy machinery) and COVID-19-related (areas that require closer personal interaction, equipment/instruments that cannot maintain social distancing i.e. that require >1 person to operate)

For the hydrometallurgy part of the lab (Wenying Liu):

- Research-related: hydrometallurgy part of this lab has the general chemical hazards, such as acids and bases, liquid wastes, for which we have standard procedures and have always implemented controls.
- COVID-19 related: there is no research equipment require > 1 person to operate. Only one person is back to work in this part of the lab. Therefore, there is no requirement for close interaction.

- Research-related: The main hazard in the pyrometallurgy part of the lab is associated with working with two high temperature furnaces. There are also compressed gas cylinders in the lab. We also use chemicals including acids on occasional basis. I have developed standard operating procedures for working with furnaces; they have been implemented since we purchased the furnaces.
- COVID-19 related: There is no research equipment that require more than 1 person to operate. Therefore, there is no need for close interaction.

3. Employee (HQP, research staff, other) Input/Involvement
Detail how you have involved frontline workers (HQP and research staff) and Joint Occupational Health and Safety Committees (JOHSC) and/or Local Safety Teams (LST) in identifying risks and protocols as part of this plan.

Describe how you will publish your plan (online, hardcopy) and otherwise communicate workplace health measures to employees. Guidelines from SRS are available here: https://srs.ubc.ca/covid-19/health-safety-covid-19/working-safely/

- Your plan must be approved by the AMPEL Director (AMPEL-Dir@ubc.ca). Please also cc the Local (Brimacombe) Safety Committee Co-chair, Gary Lockhart (Gary.Lockhart@ubc.ca).
- Final plans will be posted to UBC’s COVID-19 Safety Plan website. An alert noting the plan availability and link to this final posting must be included on the main root site of your department or faculty.
- Please also post a paper copy on your door (UBC SRS/Worksafe requirement) along with a statement of the maximum occupancy.

This plan is developed by Wenying Liu and Leili Tafaghodi. COVID-19 Brimacombe Building Phase I Safety Plan, UBC Research Resumption webpage and Working Alone or in Isolation Program 2020 have been consulted for the preparation of the current plan. All researchers in both groups have been consulted in this process. Priorities are given to senior PhD students who are at the critical stage of their experimental work. The final plan has been agreed on by all researchers in both groups and approved by the Head of Materials Engineering and the Chair of LST.

- Final plans will be posted to UBC’s COVID-19 Safety Plan website.
- A paper copy will be posted on the door along with a statement of the maximum occupancy.
Section #3 — Hazard Elimination or Physical Distancing

The following general practices shall be applied for all UBC buildings and workspaces:

- Where possible, workers (HQP, research staff, others) are instructed to work from home.
- Anybody who has travelled internationally, been in contact with a clinically confirmed case of COVID-19 or is experiencing “flu like” symptoms must stay at home.
- All employees are aware that they must maintain a physical distance of at least 2 meters from each other at all times.
- Do not touch your eyes/nose/mouth with unwashed hands.
- When you sneeze or cough, cover your mouth and nose with a disposable tissue or the crease of your elbow, and then wash your hands.
- All employees are aware of proper handwashing and sanitizing procedures for their workspace.
- Supervisors must ensure large events/gatherings (> 50 people in a single space) are avoided.
- Supervisors must ensure that all workers have access to dedicated onsite supervision at all times; via their own presence, members of safety committees, campus security or other. When working alone, HQP and staff must be aware of working alone procedures and how these have been adapted for COVID-19.
- All staff wearing non-medical masks are aware of the risks and limitations of the face covering they have chosen to wear or have been provided to protect against the transmission of COVID-19. See SRS website for further information.
- Note transportation/vehicle guidelines if applicable: 1 Person per vehicle, unless the vehicle is large enough to maintain 2m between occupants.

4. Scheduling

For those required or wanting to resume work at UBC, detail how you are rescheduling employees (e.g. shifted start/end times) in order to limit contact intensity at any given time at UBC.

Discuss your working alone procedures and how they will be adapted for this safety plan. Also describe how you will track those entering/leaving work i.e. sign in/sign out process:

- At this time shift-work is not permitted.
- Sign in/out processes can range from paper sign up sheets on lab door to ‘Token’ system with online tracking.
- Coordinate starts/ends within shared labs (e.g. lab shared with two other research groups) to remain below the lab’s maximum occupancy.
- You may use google calendar or similar to schedule lab use.

The lab has a common excel spreadsheet in a shared folder for scheduling. A sample schedule is presented below. A maximum of 3 people are allowed in the lab at any time.

- All returning personnel are allowed to work only during regular hours (8 to 5:30 pm) on weekdays; Off-hour shift-work is not allowed.
- Schedules for the entire month of July have been arranged.
- Sign in and sign out are required and will be posted on the door.
• It is imperative that all returning personnel understand that they may be in the building ONLY during days and times when they have been scheduled to be there as determined by the supervisor. There is absolutely no admittance to the building outside of the scheduled times.

<table>
<thead>
<tr>
<th>Date</th>
<th>Lab user</th>
<th>Task</th>
<th>Room</th>
<th>Sign in time</th>
<th>Sign out time</th>
<th>Supervisor’s Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day 1</td>
<td>Kresimir</td>
<td>Leaching tests; sampling</td>
<td>Brimacombe 379</td>
<td></td>
<td></td>
<td>Wenying Liu</td>
</tr>
<tr>
<td></td>
<td>Sahand</td>
<td>Calcination experiments</td>
<td>Brimacombe 379</td>
<td></td>
<td></td>
<td>Leili Tafaghodi</td>
</tr>
<tr>
<td></td>
<td>Tahmeed</td>
<td>Sample preparation</td>
<td>Brimacombe 379</td>
<td></td>
<td></td>
<td>Leili Tafaghodi</td>
</tr>
</tbody>
</table>

5. Occupancy limits, floor space, and traffic flows

APSC recognizes that labs are dynamic environments and it may be challenging to adhere to physical distancing guidelines. Nonetheless, controls must be in place to keep personnel spaced at least 2m apart at all times. Clear communication of this to employees, monitoring of implementation, in addition to physical controls (signage) are needed.

As such:

Using floor plans and/or photographs of your lab/workspace:
1) Identify and list the rooms and maximum occupancy for each workspace/area;
2) Illustrate a 2 metre radius circle around stationary workspaces/benches/instruments and common areas or equivalent approach to social distancing; and
3) Illustrate one-way directional traffic flows

• You may wish to use the floor maps in the appendix of the Brimacombe Phase I Safety Plan that is being distributed along with this document
• Set up directional movements so people are moving in one direction of travel if possible
• Where fire code and function allow, prop doors between communicating spaces open to limit the need to touch doorknobs. Alternatively, consider installing hands-free door foot openers, auto door sensors, or door openers that can be activated by elbow.
• How have you reduced occupancy in your workspace/lab, especially high-traffic areas such as hand-washing areas? Did you use the 25-33% range?
• Are you able to separate incoming and outgoing worker entry/exit?
• Consider changes to accommodate 2m distancing on shared instruments, frequently-used materials & reagents, common areas, offices

The maximum occupancy in Room 379 during Phase 1 is 3 people at any time. The floor plan is attached to indicate their designated bench areas. Bounded areas shown in red are assigned to individual students. Each area is ~150 ft² which allows for proper physical distance between the occupants.

Bounded areas in blue are common zones that all personnel may need to briefly access from time to time. People working in assigned areas must make room for people passing into/through common areas.

When the student in LT_2 wants to move around the lab, they will inform the student in LT_1. Then the student in LT_1 will move to the area by the side of the sink (marked by a black circle on the map) and the student in LT_2 will move in the direction shown by dashed arrow. This will allow the students to pass with proper physical distance. This arrangement is being made since it is not possible to go around the back end of the benches.
The student working in AMPEL High Head will follow the access instructions provided by AMPEL. The floor plan is attached to show the location of the furnace. Peyman Servati and Frank Ko are Leili Tafaghodi’s neighbors in HH. The traffic in the areas adjacent to mine is usually minimal. However there is no overlap between my space and the adjacent spaces. The student in HH will follow the traffic flow guidelines which will be provided by the building manager to allow for other researchers to pass with proper distancing.

Bounded areas shown in red are assigned to individual personnel in each shift. People must work in their assigned areas. Maximum 2 people are allowed in the lab at a time.

Bounded areas in blue are common zones that all personnel may need to briefly access from time to time. You must make room for people passing into/through common areas.
Section 4 – Engineering Controls

6. Cleaning and Hygiene
Detail the cleaning and hygiene regimen required to be completed by HQP, research staff and the PIs for common areas/surfaces (Custodial has limitations on cleaning frequency, etc.).

Outline specific cleaning processes and schedule for high-touch equipment, specialized/sensitive equipment or other unique circumstances to your lab/workspace. Detail how and what types of cleaning products and disposal options you will provide. If possible, include cleaning stations/infrastructure on your lab photos/plan.

- An ethanol-based cleaning product has been suggested in the Brimacombe cleaning plan. This or a similar product (or self-made solution) in squirt bottles, plus paper towels or similar, should be suitable for disinfecting surfaces. We also recommend hand sanitizer and/or soap and water (where possible) for frequent hand washing in each lab.
- Cleaning and sanitization are crucial to maintain a safe lab/workspace. Provide as much detail as possible on your cleaning plans i.e. when, who, how, provide a checklist, etc. Identify and discuss what surfaces/areas need to be cleaned.
- Discuss how you plan on providing the required supplies and training (in addition to that provided by UBC SRS). Consider signage i.e. ‘ready for use’ vs ‘needs cleaning’, having ‘hot zones’ for smaller equipment/tools (bins to collect soiled equipment so others don’t use it).
- (Can you do the cleaning immediately?)
- In dry labs and office areas where sinks are not available, place hand sanitizer stations adjacent to exit doors and signage suggesting the use of sanitizer after touching shared items such as knobs, printers, keyboards, etc.
- Discuss how you will ensure safe disposal of used cleaning supplies and if applicable, any hazardous waste needs (from previous operations or adapted to new plan).

Sanitation:
- Frequent hand washing using warm water and soap provided inside the lab is required.
- Prop the lab door open at the start of the day and close it at the end of the shift to minimize high touch areas.
- Common area disinfection: designate one person for high touch area cleaning: doorknobs and switches, and glovexboxes at the beginning and end of each shift.
- Disinfect your own bench before and after use. Fume hood sashes and sinks should be cleaned at the beginning and end of each day.
- All equipment and bench spaces will be cleaned at the beginning and end of each day with a 5% bleach solution (sodium hypochlorite). This solution will be provided in spray bottles (2 per half lab). The spray bottles will be refilled by the staff as they approach 1/3 of their volume. A plastic bag-lined bin will be placed near the door handle to ensure proper disposal of used cleaning supplies for the door.
- Post a printed cleaning record on the lab door. Individuals leaving the lab at the end of their shift should complete the form (check in a box and initial to confirm the door handle, switches, glove boxes, fume hood sash, sink and the bench countertops have been cleaned).

7. Equipment Removal/Sanitation
Detail your appropriate removal of unnecessary tools/equipment/access to areas and/or adequate sanitation for items that must be shared that may elevate risk of transmission, both research-related (i.e. instruments, tools) and general (i.e. coffee makers in break rooms)

- Consider assignment of key pieces of equipment and label with the name of the assigned employee. Consider especially larger pieces of equipment that require >1 person to operate.
- If equipment cannot be individually assigned, then consider and explain your sanitation regime (or reference it above)
- Consider closing breakrooms or limiting access via a sign-up sheet

There are no general shared instruments in the hydrometallurgy part of the lab. The user has its own fume hood, sink, and other equipment. No other uses will access this area of the lab. All equipment will be cleaned before and after use.

One of the furnaces in the lab (Nabertherm) is solely used by Sahand Sarbishei. The second furnace (Lindberg) is assigned to Rishu. The fume hood and grinders might be used by different people on different weeks. They will be sanitized by the user before and after each use. 5% bleach solution or disinfectant wipes will be used for sanitisation.

8. Safety Infrastructure Requests (Partitions, Plexiglass installation)
Describe any needs for safety infrastructure i.e. physical barriers, plexiglass installation required for your lab/workspace and if possible include them on your photos/room plan.

- Refer to Worksafe’s “Designing Effective Barriers” guidance
- This is typically used in situations where you cannot avoid getting within 2 m – as in supermarket checkouts. Of course, you may want to use this in other situations as well.

No need for safety infrastructure to be installed.

Section 5 – Administrative Controls

9. Communication & Training Strategy for Employees
Describe how you (the PI) have or will communicate the risk of exposure to COVID-19 in the workplace to your HQP/research staff/other employees and the safety controls in place to reduce such risk.

Detail how you will ensure that all employees successfully complete the Preventing COVID-19 Infection in the Workplace online training and orientation to your specific safety plan.

- Outline the expectations for all employees returning to the workplace and describe how an employee would raise concerns
- Clearly indicate that employees with symptoms MUST stay home
- How have you adapted to new risks in terms of training for existing and new staff
- All processes must be documented
- UBC is developing training videos – hopefully these will be available next week.

If you feel sick or stressed about coming to the lab, or if you have any symptoms then you MUST stay at home.

Resuming on-campus research activities is completely voluntary. Employees with symptoms MUST stay home.

We have informed all workers that “Private transportation is encouraged.”
The students are aware that they are only permitted to work in the lab during the days designated by the PIs. They should sign in upon entering the lab and sign out after leaving.

A monthly schedule for the lab occupancy will be posted on the door.

In order to adapt to the new risks, a printed cleaning record will be posted on the lab door. Individuals leaving the lab at the end of the day should complete the form (check in a box and initial to confirm the door handle, switches, glove boxes, fume hood sash, sink and the bench countertops has been cleaned).

No technical training will be performed during phase 1. The students who are expected to resume on-campus research have completed their trainings prior to curtailment.

The student have been provided with a draft of the safety plan, the building emergency response plan and the Common Areas-Safety Plan for Brimacombe building.

Preventing COVID-19 Infection in the Workplace online training and orientation will be provided to all lab users. Each user will be requested to submit a completion certificate to the PI (Wenying Liu and Leili Tafaghodi), the LST and the Department Head.

### 10. Signage

Detail the type of signage you will utilize and how it will be placed (e.g. floor decals denoting one-way walkways and doors, ‘cleanliness state’ of equipment/instruments, hand-washing guidance). See WorksafeBC for signage guidelines and templates.

- Use decals: In spaces where one direction of travel can be assigned, assign a clockwise direction of travel using tape on floors for people to move around safely, otherwise practice walking on the right and yielding to oncoming traffic.
- Not all details will be relevant to your particular space. But would be good to know how multiple people will be able to move around e.g. in a long narrow space while maintaining distance.

There is only one person working in the hydrometallurgy part of the lab and will not access the pyrometallurgy part of the lab. There is no need for directional signage in this area.

In the pyrometallurgy side of the lab, two students will work in their own designated area (these areas are shown in the map). Approximately 150ft² is assigned to each personnel. This will easily permit physical distancing. People working in assigned areas must make room for people passing into/through common areas. For the high head area, we will be following the instructions provided by AMPEL.

### 11. Emergency Procedures & Reporting

PIs must ensure that all employees entering the lab should be aware of the Building Emergency Response Plan (BERP) and have access to it. If applicable, detail your strategy to amend your lab’s emergency response plan procedures during COVID-19.


The Brimacombe BERP will be available in the new lobby and will be posted on the website.
All the personnel are informed about and have access to the Building Emergency Response Plan (BERP). We will follow all guidelines for accessing the common areas in Brimacombe building.

12. Monitoring
Describe how you will monitor your workplace (supervisor, departmental safety representative, other) and update your plans as needed; detail how employees can raise safety concerns (e.g. via the JOHSC or Supervisor).

- Identify the person(s) responsible for implementing and then monitoring compliance with the plan.
- Suggest you refer to the monitoring and enforcement section of the Brimacombe Phase I Safety Plan for a list of floor wardens and the procedures for monitoring. These Wardens, along with Gary and Pinder, may be able to help monitoring - but you likely will want to assign one or more senior lab members if you (the PI) will not be present in the lab regularly.
- Kresimir Ljubetic and Sahand Sarbishei (both 4th year PhD students) are responsible for everyday monitoring of the lab space safety including proper sanitisation and maintaining physical distance.
- For the High Head area Debanga Kashyap will be available to assist with monitoring and compliance as well as provide advice on safety measures.
- One of the PIs will check the lab space in person once in a week.
- The PIs will coordinate with the designated safety representatives and the rest of the group members if safety plans need to be updated.
- All the lab users can raise safety concerns to their supervisor (Wenying Liu and Leili Tafaghodi), the department Head (Daan Maijer) or the LST Chair, Be Wassink. This can be done via email or phone.
- The Department Head and LST Chair will approve this plan.
- Working alone is only permitted if the occupant calls the supervisor every 4 hours.

Section #6 – Personal Protective Equipment (PPE)

13. Personal Protective Equipment
UBC has a central process for purchasing PPE. Describe what PPE you will require for your lab.

<table>
<thead>
<tr>
<th>#</th>
<th>Type of PPE</th>
<th>Activity and PPE Use Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Goggles/safety glasses</td>
<td>Provide protection against chemicals. We have these already.</td>
</tr>
<tr>
<td>2</td>
<td>Nitrile Gloves</td>
<td>Handling hazardous materials and reducing COVID transmission.</td>
</tr>
<tr>
<td>3</td>
<td>Soap</td>
<td>Hand washing when entering and exiting the lab</td>
</tr>
<tr>
<td>4</td>
<td>Face shields</td>
<td>Provides superior chemical and COVID protection</td>
</tr>
</tbody>
</table>

- If applicable list any other protective controls such as access to showers/laundering facilities
- Discuss how you will safely dispose of soiled PPE
COVID-19 Lab Safety Plan Brimacombe Template 2 June

- Note that UBC does not require the use of non-medical masks, but will allow them to be worn. Non-medical masks are not considered PPE. N95 masks (Medical and Non-medical) are not recommended by UBC unless needed because of the type of work you are doing. Please refer to UBC guidelines found on the SRS website linked above and in the Brimacombe Safety Plan.

Requests for PPE including gloves, sanitizer and disinfectant wipes have been made through Building manager, Gary Lockhart.

Disposable supplies like gloves and napkins/wipes will be placed in dedicated plastic-lined bins. Lab coats will be placed on the individual staff bench after each day so as not to touch any space or equipment that may be common.

**Researcher Agreement**

*Please have all those who will enter your lab during Phase I (including the PI if applicable) sign the statement on the next page. Keep a copy in the lab as a record. PIs should sign the page that follows the researcher agreement.*
COVID-19 Lab Safety Plan Brimacombe Template 2 June

SAFE-RETURN-TO-WORK AGREEMENT
THE BRIMACOMBE BUILDING

Signature line for researcher (faculty, student, research staff, post-doc etc.) and administrative staff acknowledgment

I ______________ Leili Tafaghodi________ have read and understand the additional precautions being taken during this time, as outlined in the Brimacombe Phase I Safety Plan, my lab’s Workspace Safety Plan. I have read and agree to abide by the safety plans, and to undergo training that will be required by UBC once it is put in effect (we anticipate video training that all those entering the building will be required to complete):

Signed

RESEARCHER/ SIGNATURE ________________________
or STAFF

DATE _______2020-06-06_____________________

SUPERVISOR/ SIGNATURE ________________________
or DIRECTOR in case of PIs

DATE ____________________________

Supervisor is to keep a copy of this document in the lab and/or accessible electronically from the lab, in case of Local Safety Committee, SRS or WorkSafe BC audit.
SAFE-RETURN-TO-WORK AGREEMENT
THE BRIMACOMBE BUILDING

Signature line for researcher (faculty, student, research staff, post-doc etc.) and
administrative staff acknowledgment

I __________________________ have read and understand the additional precautions being taken during this time, as outlined in the Brimacombe Phase I Safety Plan, my lab’s Workspace Safety Plan. I have read and agree to abide by the safety plans, and to undergo training that will be required by UBC once it is put in effect (we anticipate video training that all those entering the building will be required to complete):

RESEARCHER/ SIGNATURE ____________________________________________________________________

or STAFF

DATE __________________________ 2020-06-06____________________

SUPERVISOR/ SIGNATURE ____________________________________________________________________

or DIRECTOR in case of PIs

DATE __________________________

Signed

Supervisor is to keep a copy of this document in the lab and/or accessible electronically from the lab, in case of Local Safety Committee, SRS or WorkSafe BC audit.
Acknowledgement

I confirm that this Safety Plan has been shared with all workers (HQP, research personnel, etc.) who will be accessing this space both through email and will be made available as a shared document. For shared labs, please add the number of signature lines needed to cover all PIs who intend to have researchers use the space, e.g. including for students who will visit for a short period of time to use an instrument.

Date: 2020-06-06
Name (Manager or Supervisor): Leili Tafaghodi
Title: Assistant Professor

Date: 2020-06-06
Name (Manager or Supervisor): Wenying Liu
Title: Assistant Professor

Date: 2020-06-06
Name (Additional PI): John Madden
Title: AMPEL Director

Department/School Head/Director Approval

Daan Maijer, Dept. Head
Name, Title

June 10, 2020
Date

Signature
X
Signed
Appendix

Please attach any maps, pictures, departmental policies or risk assessments applicable UBC Guidance documents, where necessary, and other regulatory requirements referred to in document.

APSC specifically requests photographs of your current lab layout, as well as your proposed usage layout i.e. where HQP will work, what areas will be closed off, where signage will be placed, etc. If floor plans of your lab/shared workspace is available, please append these as well.