COVID-19 Phase 1 Operations at X-Ray Crystallographic Center (XCC)

Room usage and Occupancy limits:

- Room B0112i, Powder XRD Lab – 2 persons: 1 person on D8 and 1 on either C2 or X’Pert
- Room B0112ii, Single Crystal Lab – 1 person: staff members only
- Room B0108A, SAXS Lab – 1 person: unsupervised user or staff member
- Room B0108C, Office – 1 person: Peter Zavalij only, no walk-ins or face to face meetings
- XRD & SAXS Analysis computers - remote access only, no on-site use

Powder XRD Lab specifics:

Booking & Experiments:

- XRD analysis computer may be used only remotely and only by reservation;
- Only C2 or X’Pert may be booked at the same time; D8 can be booked anytime;
- Only 1 user should be placing or removing samples on D8 or C2 instrument;
- Users can leave the lab during long experiments but should be back to remove samples and clean the lab before the reservation expires;
- For overnight experiments, samples should be removed and space cleaned first thing in the morning still during the reserved time. Alternatively arrange with the next user or TA to remove samples;

Sample preparation:

- All users must acquire and use their own (or their group) sample holders for D8 instrument. The sample holders for the shared use will no longer be available;
- Thus, if feasible, it is strongly recommended for all users to prepare powder samples in their own labs. This will save valuable instrumental time;
- It is also encouraged users to user their own tools for sample prep, if feasible;
- If powder samples for D8 instrument must be prepared directly in the XCC lab, it has to be done only in the powder box.

Submitting Samples (All Instruments):

- All samples including single crystals being submitted to XCC for experiment and analysis should be dropped off and picked up only in a designated area and only at the time pre-arranged with PI or TA;
- Submitted samples have to be accompanied by a sample submission form signed by the advisor or accountant; email confirmation works too.