X-ray Crystallographic Center

X-ray Crystallographic Center (XCC) will remain open during the period of Moderate Research Restrictions with a few changes detailed below:

**Single Crystal Diffraction Lab - Crystal Structure Determination:**

I will continue to run single crystals and you can continue to submit crystals but you cannot be present during the selection and measurement of the crystal. No crystals w/o submission form and w/o advisor signature or confirmation email will be accepted. See details on changes in crystal submission below.

**Maximum occupancy** – 1 person. **Contact** – Peter Zavalij, pzavalij@umd.edu, office 5-1861.

**Powder X-ray Diffraction (XRD & XRR) Lab:**

Trained users with unsupervised status can access instruments as usual (with a few changes see below). However, supervised users are not allowed to work in the lab. Yet in special circumstances, permission could be granted on a case by case basis. However, supervised users could apply for unsupervised status by submitting Training & Experience form to the radiation safety office (email Steve Hand) with my signature. Samples for XRD and XRR can also be dropped off (see details below) along with signed submission form.

**Maximum occupancy** – 4 persons. 1 at each instrument/workspace: D8, C2, X’Pert, Analysis computer. **Contact** – Tim Diethrich, tjd5@umd.edu, XRD lab 5-3230.

**Small Angle X-ray Scattering (SAXS) Lab:**

Trained users with unsupervised status can access instruments as usual. Supervised users should apply for unsupervised status (with a few changes detailed below). Alternatively supervised users and submitting users who need to be present at the experiment should make an arrangement with Faculty Assistant (Wonseok Hwang, whwang@umd.edu). In both cases, sample submission form with Advisor signature or confirmation email should be sent in order to make an appointment.

**Maximum occupancy** – 1 user + assistant. **Contact** – Wonseok Hwang, whwang@umd.edu, 5-9597.

**Changes & Recommendations:**

- People who are sick, feel sick or tired are not allowed in the lab.
- Training sessions for new students are suspended until further notice.
- It is recommended to wear gloves all the time while in the lab. However, make sure they are clean after powder sample preparation. There should be gloves available in the lab.
- Please clean after yourself as needed sample prep surfaces, keyboards, handles, phone, etc. Use Clorox wipes or alternatively Kimwipes® w/ alcohol available in the lab.
- The microscope and glove box are allowed to be used only by XCC staff for handling crystals.
- Sample submission will be handled with no personal contact and should be arranged with the Director or TA. There will be a small table next to the door B0108 to drop off and pick up samples. Drop off and Pick-up time has to be scheduled.
- Submitted samples have to be accompanied by a sample submission form signed by the advisor. See our web page for submission forms and more – http://www.chem.umd.edu/crystallography
- All users should maintain recommended social distancing (6 feet) and not exceed the maximum occupancy of the lab at any time.
- All communications including consultations and discussions should be handled remotely by web conferencing, email or over the phone.

Peter Zavalij, Director

pzavalij@umd.edu, 301-405-1861

mobile# 607-222-2645, text is OK