

Department of Chemistry
X-Ray Crystallographic Lab (XCL)

SUNRISE PLAN as of MAY 2020

- Only trained users will be allowed in the lab, and ONLY BY APPOINTMENT. Two appointments will be made per data collection. The first will be for the experimental set up and run. The second will be for the user to process their data and to take all work files for crystal structure refinement and completion. All egresses in and out of the XCL will be documented.
 - To schedule your appointment, submit the following Google form: <https://forms.gle/J7Wg7yrj8VsDaxv3A>
 - Any users found inside the lab without a scheduled appointment could lose their privileges.
- To maintain social distancing, only one user is permitted in the lab at a time along with either Director Victor Young or TA Margaret Clapham. No more than two people will be in the lab at a single time.
- Face coverings and maintaining social distance are required at ALL times in the XCL.
- Anyone who enters the lab must immediately wash their hands (sink inside K192) before touching any instrumentation. Hand sanitizer is provided for users to keep their hands clean while in the XCL in addition to soap and water at the sink. Spray disinfectant is provided to clean any surfaces touched by the user before leaving the XCL.
- Any disposable items touched by a user should be disposed of in the solid waste container provided immediately after use.
- Failure to follow any of the protocols outlined here will result in the removal of XCL user privileges.
- To submit a sample as an untrained user:
 - Fill out the Google form: <https://forms.gle/J7Wg7yrj8VsDaxv3A>
 - Victor Young or Margaret Clapham will coordinate sample submissions by email. The sample will be dropped into the XCL receiving container and then taken into possession by XCL personnel immediately by appointment.
 - Place the properly contained and clearly labeled sample in the XCL submission box located in Kolthoff Hall room 193 (near the door to the XCL). The sample label must include:
 - Your name and email address
 - A sample notebook code clearly written on the vial or label
 - Samples will be run in the order received. If you plan to submit an air-sensitive sample, this should be indicated on the form. XCL personnel will schedule the submission of sensitive samples to ensure these can be run in a timely fashion.
 - You will be notified by email when the sample has been run.
 - All requests for data from the XCL should be sent to Victor Young at vyoung@umn.edu.