

Facility Name: Scientific Instrumentation & Machining Services (SIMS)

Facility Location: 055 Higgins

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Facility Overview: SIMS is a service department set up to assist science department researchers and academic laboratories in solving scientific equipment problems.

Ramp-Up Plan

Part 1: Physical Space Considerations

SIMS has a staff of two and 055 Higgins offers ample space to maintain proper separation. Customers will be limited to one at a time. Customers enter SIMS through a reception area and can request service or drop off equipment at the reception desk. The reception area is large enough to maintain separation from offices and 3D printing area.

As per usual safety rules, the machine shop doors will remain closed and we can consider reconnecting the doorbell to alert the machinist to the presence of customers.

The 3D printer space is large enough to allow one user to maintain safe distancing from all other SIMS areas.

Part 2: Instrument Considerations

No special start up plan is necessary for any equipment in SIMS. A 3D printer test run will be performed. No supplies will initially be needed. We currently use disinfectant wipes to clean instruments and surfaces. Hand sanitizer is already in use by SIMS staff. A customer that uses the 3D printer's computer will be asked to wear gloves and wipe down the keyboard and printer control panel after use. Post processing of 3D printed resin parts already requires users to wear gloves and clean parts with isopropyl alcohol. We currently supply gloves and alcohol wipes to 3D printer users.

Part 3: Initial Operations

No special plans are needed for SIMS staff to resume using facility machines and instrumentation. Project consultation with customers will take place through email or by phone. To minimize the number of people in the SIMS facility, customers will schedule a time for drop off or pick up of equipment and materials. Customer materials and equipment will be left on the reception desk or bookcase. Hand sanitizer will be available at the reception desk. SIMS staff will handle any customer items with gloves until those items can be disinfected.

To use SIMS in house equipment, users are required to wear safety glasses, gloves and face covering. User training on in house equipment will require SIMS staff to wear safety glasses, gloves and face covering. Any tools or equipment borrowed from the SIMS facility will be disinfected upon return by a SIMS staff member.