

**Facility Name: Electron Microscopy**

**Facility Location: 030 and 110 Higgins Hall**

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**Facility Overview:** The mission of the Boston College Electron Microscopy Facility is to support the nanotech and biology research community of Boston College by providing expert ultra-structural imaging services, training, and access to a wide range of world class instrumentation

### **Ramp-Up Plan**

#### Part 1: Physical Space Considerations

- a. Plans regarding space, capacity, throughput, access, or sample drop-off, including potential for temporary physical barriers or other changes: no space alterations necessary, both SEM and TEM (TEM is currently shut down and no active users on campus) are in their own dedicated rooms. Throughput would be limited to 30 minutes between users to allow air exchange in the room(s) and time for cleaning between users. All reservations made through the FOM system to ensure no user overlap.
- b. Potential movement of furniture or instruments: none
- c. Initial cleaning plan: The Manager will wipe all common surfaces with 70% EtOH or other manufacturer approved disinfectant.

#### Part 2: Instrument Considerations

- a. Plan for instrument re-start: TEM is down and no plans to re-start unless faculty express a critical need. SEM is running currently with no issues
- b. Plan for calibration and quality control: The SEM was recently serviced both for routine work and EDX and users will contact the Manager if there are issues
- c. Plan for cleaning surfaces and instruments: Users will be responsible after direction from the Manager – fresh gloves will be required and will be periodically sanitized with 70% EtOH when using the instrumentation and masks will be required and physical distancing will be maintained.
- d. Consumables, reagents, and supply needs: Liquid nitrogen will be ordered from Airgas

#### Part 3: Initial Operations

- a. Plan for facility staff operation of instruments: no
- b. Plan for user sample drop-off, including any new SOPs: The Manager will notify users about scheduling, PPE use, and cleaning of the instruments
- c. Plan for user operation of instruments: yes – given the following of Part 2 (c) of this document.
- d. Plan for new user training: not currently

Any other concerns or considerations: Policies will be subject to constant review and update per university and governmental orders.