CRYOSTAT ACCESS POLICY (UPDATED 5/12/21)

We have decided to allow expanded cryostat access. There are several caveats, as these devices **will not be within the main laboratory**, but in a peripheral lab location: **S206** (turn right in the hallway immediately past the satellite lab (S216) and analysis computers. Speak with a member of CBI for the door code.)

Usage will be **unsupervised and autonomous**, although users **must** still be trained through CBI.

We are reopening cryostat training and use as of 03/11/21.  If you need to be trained or receive a refresher, ask your PI to make a request from one of the CBI faculty (Simon Watkins, Donna Stolz, Claudette St. Croix, Alan Watson or Patricia Loughran).

You must wear metal mesh protective gloves to protect from cuts. You will need to provide these for size, contamination, and cleanliness reasons. For purchase details, see below.

The CBI **will provide**:

Ethanol, kimwipes, and a shop vac for post‐sectioning cleanup • single‐sided razor blades, mounting chucks, paint brushes, and pencils • trash, biohazard, sharps, and glass disposal • a first-aid kit • a basic benchtop light microscope

**You will need to bring all other materials**

(Purchasing information for these supplies is listed below.)

Once you have finished sectioning, you will be expected to clean the cryostat as normal (vacuum out the cryostat, wipe down surfaces, place debris in the biohazard waste and trash in the bin, and leave the room in a condition you would like to find it.)

**No reservations can be made for the cryostat(s) that start before 9:00 am or finish after 5:00pm**

**Time used on the cryostat must still be reserved VIA the CBI scheduler as normal (Cryostat 2, under the “CBI Main” section of the scheduler)**

**Normal 3hour/day maximum and 9hour/week maximum restrictions still apply**

ESSENTIAL SUPPLIES YOU MUST BRING

Prices were recorded 5/12/21, and may not reflect current pricing

These are the recommended materials used by CBI

Also bring **disposable lab gloves**, to your own preference (bring extras!)

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| --- | --- | --- | --- |
| **Item** | **Brand** | **Approximate Price**  **(for Pitt purchases)** | **Link** |
| Protective mesh gloves | Honeywell™ Whiting & Davis™ Metal Mesh Gloves | $108.29 ‐ $137.13 | <https://www.fishersci.com/shop/products/honeywell-whiting-davis-metal-mesh-gloves-8/p-141651#?keyword=Honeywell%E2%84%A2%20%20Whiting> |
| Wells Lamont™ Whizard™ Metal Mesh Hand Glove | $129.50 | [https://www.fishersci.com/us/en/catalog/search/products?keyword=Wells+Lamont%E2%84% A2+Whizard%E2%84%A2+Metal+Mesh+Hand+Glove](https://www.fishersci.com/us/en/catalog/search/products?keyword=Wells+Lamont%E2%84%25%20A2+Whizard%E2%84%A2+Metal+Mesh+Hand+Glove%20) |
| Microtome blades | Thermo Scientific™ Epredia™ MX35 Premier™ Disposable Low‐Profile Microtome Blades | $147.55 for a case of 50 | <https://www.fishersci.com/shop/products/mx35-premier-disposable-low-profile-microtome-blades/3052835?searchHijack=true&searchTerm=30-528-35&searchType=RAPID&matchedCatNo=30-528-35> |
| Slides | Fisherbrand™ Superfrost™ Plus Microscope Slides | $49.65 for pack of 144 | <https://www.fishersci.com/shop/products/fisherbrand-superfrost-plus-microscope-slides-2/12-550-15> |
| Tissue freeze media (“OCT”) | Fisher Healthcare Tissue-Plus™ O.C.T. Compound | $4.98 each, or $59.80 for a case of 12 | <https://www.fishersci.com/shop/products/fisherbrand-super-friendly-freeze-it/23022524?searchHijack=true&searchTerm=23-022524&searchType=RAPID&matchedCatNo=23-022524> |
| Freezing spray | Fisherbrand™ Super Friendly Freeze’It™ | $152.95 for a case of 6 | <https://www.fishersci.com/shop/products/fisherbrand-super-friendly-freeze-it/23022524?searchHijack=true&searchTerm=23-022524&searchType=RAPID&matchedCatNo=23-022524> |
| Hydrophobic marker PAP pen (optional) | Research Products International Super HT PAP Pen | $91.50 each for large size | <https://www.rpicorp.com/products/molecular-biology/hybridization/super-ht-pap-pen-4mm.html> |