CCMR LAB SAFETY
Room Orientation for Snee Hall 1158, 1102, 1149

Dr. Maura Weathers
Manager, XRD Facility
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607-255-2295, 607-592-2091

Don Werder
Manager, Microprobe
djw426@cornell.edu
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Snee Hall Facilities

CCMR maintains 2 facilities in Snee Hall:

- The X-ray Diffraction facility is located in rooms 1158 and 1102
- The Electron Microprobe facility is located in room 1149
Contact Information

- Maura Weathers, Manager, X-ray Diffraction Facility
  msw11@cornell.edu, 255-2295; 592-2091
- Don Werder, Manager, Electron Microprobe Facility
  djw326@cornell.edu, 505-412-9135
- Dawn Warren, Building Coordinator, Snee Hall
  dmw13@cornell.edu, 227-5402
- John Sinnott, CCMR Safety Representative
  jps39@cornell.edu, 607-592-8996
- Dan Woodie, Safety Officer, Engineering School,
  daniel.woodie@cornell.edu, 254-4891
- Kevin Fitch, EHS Radiation Safety Officer
  kjf4@cornell.edu, 227-9559
Emergency Exits and Evacuation

For Emergencies:
Dial 911 from desk phone
Dial 607-255-1111 from cell phones
Emergency Equipment

- STANDARD PHONE
- FIRE EXTINGUISHER
- EYE WASH & SAFETY SHOWER
- EMERGENCY PHONE
- FIRST AID KIT
Emergency Shutdown in Snee 1158

- Snee 1158 has an emergency power button to the lab located to the right of the door. This will shut down ALL power in the lab.
Equipment Safety

- 4 x-ray instruments have emergency switches. You should know where they are located for the equipment that you are using.

Rigaku SmartLab

Scintag theta-theta diffractometer and MWL back-reflection Laue

Bruker GADDS
Required training to work in the Snee Hall Labs

The following laboratory safety courses, offered on-line or in the classroom by Cornell University Environmental Health & Safety, are required to access the CCMR Labs in Snee Hall.

See http://www.ccmr.cornell.edu/facilities/safetyinfo/ for information on how to obtain training or verify your CULearn information.

- EH&S training Laboratory Safety (2555-Laboratory) (1102, 1149, 1158)
- Chemical Waste Disposal (2716-ChemWaste) (1102, 1149, 1158)
- Radiation Producing Equipment Safety (5033-RPE) (1102, 1158)
- Cryogenic Safety (3055-CryogenSafety) (1158)
Working in the Facilities

- Lab safety training procedures should be followed at all times.
- All samples brought into the lab must be properly labeled. No hazardous materials without permission of the manager.
- You are responsible for removing your samples from the facility. Samples left without permission may be disposed of.
- Dispose of broken glass and waste in the proper containers in the labs.
- MSDS’s are available at the EH&S website and are bookmarked on the computers used for accessing CORAL in Snee 1158 and 1102.
Working in the Facilities

- Food & drink are not allowed in the instrument part of Snee 1158 or 1149 or in 1102.
- Food and drink are allowed in the entrance areas of Snee 1158 and 1149 as marked with the red & white signs.
Working with Nanoparticles (1158)

- Nanoparticle materials must be loaded into holders in the nano prep area, behind the plastic enclosure

- Gloves must be used; masks are available

- Nanoparticle waste must be disposed of in the marked container

- Sample holders should be cleaned with wipes after each use
Acknowledging the Facility

Please remember to properly acknowledge use of the CCMR Facilities in your presentations, publications, and conference proceedings.

Researchers who make use of these facilities must acknowledge the award number

**NSF DMR-1120296**

www.ccmr.cornell.edu/about/acknowledge.html

For more information, visit:

www.ccmr.cornell.edu/facilities
CCMR Shared Facility Access Form (more information at http://www.ccmr.cornell.edu/facilities/becoming-a-ccmr-facility-user/)
Submit one form to each facility that you are requesting access to.
1) Print out this page. Illegible or incomplete forms may not be accepted.
2) Read the facility orientation completely. Required EH&S safety trainings for individual areas are listed below.

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*Required for specific activities, see facility orientation

3) Fill in user information below, sign and bring completed forms to the appropriate facility manager.

User Name______________________________________________________________ Cornell University ID card # ___________________

NetID/E-mail___________________________ Status___________________ Department_______________ Advisor___________________

By signing below, I am attesting that I have read the facility orientation form and completed the necessary EH&S safety trainings.

User Signature__________________________________Date_____/_____/_____

Office use:
Door________ e-mail list______ entered by________