



Science Core Facility - Lab Safety Agreement Independent Research

Student Name: _____

Research Advisor: _____

Dept: _____ Course Number: _____

In order to conduct safe and effective experiments with the SEM or Confocal microscopes, all students must follow proper laboratory procedures. Please initial each item and sign where indicated.

General Rules

1. Students must complete a 90-minute SEM or Confocal training session with the Science Core facility technician, Amy Replogle. Even after training, it is at Amy's discretion to allow independent access of the equipment. _____
2. Amy Replogle's availability: Tuesday through Friday: 9:30am – 2:30pm. If this time frame does not work for you, you must arrange a special time, at least a week in advance, so Amy can adjust her schedule. _____
3. Do not eat, drink, apply cosmetics, manipulate contact lenses, or chew gum in the lab. _____
4. Prepare by reading the instructions and safety information ahead of time. _____
5. Follow all verbal and written instructions by Amy Replogle, your research advisor, or the Biology Storeroom (Michal Morrison-Kerr and Paulina Kaluza). _____
6. Experiments authorized by Amy Replogle are the only experiments permitted in HA 127. _____
7. Chemicals and equipment may NOT be removed from HA 127. _____
8. Always pay attention to the work – don't fool around in the lab. No horseplay, pranks, or practical jokes. _____
9. Students who haven't been trained are not allowed in the lab without approval. _____
10. Students are not allowed to access or use any part of the Science Core Facility other than what they have been trained to use. _____

Personal Protective Equipment and Safety

1. Wear shoes that are closed-toed and completely cover the heel and top of the foot. NO sandals. No skirts or shorts while performing lab work, including use of microscopes. _____
2. Wear a laboratory coat and impact/splash-proof goggles and gloves for all laboratory work that involves chemicals. _____
3. Long hair, hanging items (jewelry, hoodie strings etc.), and loose or baggy clothes must be secured. _____
4. Know the location of and how to operate all safety equipment in the Science Core Facility. These should include safety shower, eye wash, first-aid kit, fire extinguisher, exits, and evacuation routes. _____

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Handling Chemicals

1. Read the sample prep protocol thoroughly before use, taking note of any chemicals and associated safety precautions that are pointed out. _____
2. Read the Safety Data Sheet (SDS) for all chemicals you will be using, before handling, them and sign the SDS Read Log in HA 127. _____
3. Wear appropriate Personal Protection Equipment (see SDS and section above). _____
4. If you are bringing chemicals down from the Biology Storeroom or your own lab (e.g. ethanol), it must be brought down in a closed bottle that is in secondary containment. _____
5. Check chemical labels twice to make sure you have the correct substance and the correct concentration of a solution. Some chemical formulas and names may differ by only a letter or a number. _____
6. Waste chemicals are not generally permitted to go down the drain, so have a plan for how to properly dispose of the chemicals you will be using BEFORE USE. Carefully follow the disposal instructions specified by Amy Replogle or Michal Morrison-Kerr. _____
7. Any laboratory accident, however small, should be reported immediately to Amy Replogle and/or Michal Morrison-Kerr, and your instructor. In addition, an incident report form must be completed.
8. In the event of an emergency, contact security at X3311 from a lab phone first, and then contact Amy Replogle and/or Michal Morrison-Kerr, and your instructor. _____
9. Wash your hands before leaving the laboratory (even though you were wearing gloves). _____
10. If you are unclear or confused about any procedures, ask Amy Replogle or Michal Morrison-Kerr for clarification. If in doubt, ask! _____

Statement of Agreement

I have read and fully understand the rules, safety practices, and regulations governing my conduct in the Science Core Facility. By signing below I agree that I will abide by these rules to ensure my safety and safety of all laboratory participants. I will follow all written and verbal instructions given to me by Amy Replogle, the Biology Storeroom, and my research advisor, and ask questions if I do not understand a direction or procedure. I understand that violation of these rules may result in denied access to the Science Core Facility, and other consequences as determined by research advisor.

Student Signature: _____ Date: _____