



## Science Core Facility - Lab Safety Agreement Course-related Independent Projects

Student Name: \_\_\_\_\_

Instructor Name: \_\_\_\_\_

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 instructor, 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 the HA 127. \_\_\_\_\_
8. Always pay attention to the work – don't fool around in the lab. No horseplay, pranks, or practical jokes. \_\_\_\_\_
9. Persons not participating in the course 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 instructor 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, a lowered grade, or other consequences as determined by my instructor.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_