

CSD² Animal-Lab Safety Procedures (Miller G074 and G076)

- The lab is isolated. Be safe. Please do NOT do ANYTHING new or risky without someone else present.
- Check for cell phone reception before you need it. There is no nearby land line.
- Wear closed-toed, electrically insulating shoes. No open-toed shoes allowed in animal labs.
- Be careful of personal injury if you are bitten or surprised by an animal attempting to get away or if you are lunging quickly for an animal.
- If an animal gets lose in the lab (such as under or behind a sound booth) leave food and water, leave a note in the lab (not outside) and ask for help.
- Be careful of sharp heavy corner of sound booth.
- Use lab coats available on hooks in the entry way, or on shelves in 'laundry' room across from lunch room
- Gloves are available in the lab. Use cheaper latex when reasonable. Use nitrile if allergic to latex or when dealing with neural tissue or acids.
- Put one hand in your pocket when working behind the rack or with electrical equipment.
- Only solder in the fume hood in Dr. Shoup-Knox's lab, G????
- Be careful lifting. The feed sacks weigh 50 pounds.
- Be careful of trip hazards. Leave a prominent note (maybe a barrier like a stool) if a trip hazard is temporarily necessary.
- Beware of slipping when the floor is wet.
- Be thoughtful of what you say about the lab to others.
- MSDS sheets are on the bookshelves at the far left of G076.
- Discard needles and any broken glass in the 'sharps' container and note use of drugs in the logs. Do not recap needles.
- Wash hands after handling animals.

(It is rumored that CHBS is considered an (unfortunate) rule forbidding undergrads alone in a lab – let us not give the administrators any reason to promulgate such a rule.)

Updated 1 Feb 2022

Students' responsibilities are in this order:

1. **The first priority is to your personal safety.** Students must be trained in laboratory safety procedures before they start work. Wear gloves, safety glasses and other such protection when needed. The lab is in an isolated part of the building, and few cell phones work there. Undergraduates will be supervised or work in pairs until they are comfortable with the tasks and never do anything new or even remotely risky unless there is someone else in the lab. Students working with animals must have current tetanus immunization. Anyone who might be pregnant must get an obstetrician's permission to participate in whatever tasks are deemed safe and appropriate.
2. Almost equal in priority is adherence to state and federal laws. Students granted access to controlled substances will strictly follow all rules and procedures. Any unauthorized removal of drugs, needles, alcohol, animals, or equipment is grounds for dismissal, as is illegal copying of any software.
3. **The second priority is to the safety of the human and animal research participants.** Only do what is approved to be done. Students must read applicable protocols, and be officially approved as investigators on an applicable protocol. No research is to be done without formal approval from the appropriate JMU review committee (IACUC). Heedless mistakes regarding animal care will not be tolerated.
4. **The third priority is to the integrity of the data.** Students are never to falsify any data; deliberate miscoding in any record is grounds for immediate dismissal and a grade of F if the work is part of a course. Sloppy record keeping and an abnormal number of mistakes may also be grounds for a lower grade in the course and a reassignment of duties.
5. An intangible priority is common sense. Obviously, don't drink the bleach, inject yourself with animal anesthetics, or eat the soaps or sanitizers. Do wash your hands after handling animals, use tools and machines carefully, minimize trip and fall hazards. Students make mistakes as they learn, and we recognize that perfection is elusive; just please try to think about what you are doing; we all learn from our mistakes.
6. Another priority is to learn and to have fun doing research. Please let the instructor know of your ideas to make the experience more enjoyable and interesting for you.

IN EMERGENCY CALL 6911

Non-emergency JMU Police (as in escort to car) 568-6913

Miller G076 – CSD²Lab – Phone Numbers (updated Mar 2022)

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Others to call:

- JMU Police 8-6914 (non-emergency)
- JMU information (540) 568-6211
- CSD main office 8-6440
- Loran Bowes (CHBS) 8-2760 for exterminator or plumber, etc.
- Recycling (pick up sharps) 8-3352;
- Marcella Mullinax (pick up carcasses) mulennmr 8-4959
- JMU work control (repairs) 8-6101

A disaster plan is available with Mike Love (540-683-1606) and is filed with the CHBS lab safety documents on the N: drive.

OTHER IMPORTANT CONTACTS :

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