



LMC NATURAL SCIENCES NEWSLETTER

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LAKE MICHIGAN COLLEGE

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LAB SAFETY AGREEMENT REMINDER

SCIENCE NEWS

SAFETY TIP OF THE MONTH

THE FLAME FROM
GAS BURNERS CAN
BE HARD TO SEE.

USE CAUTION.



KNOW YOUR LAB
MAKE SURE TO KNOW
AT LEAST TWO CLEAR
EXITS FROM THE LAB.



**WE WANT YOUR
INPUT**

**IF YOU HAVE
SOMETHING YOU THINK
MERITS MENTION IN
THE LMC SCIENCE
NEWSLETTER, LET US
KNOW.**
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THE LMC LAB SAFETY AGREEMENT IS A VERY IMPORTANT CONNECTION BETWEEN OUR STUDENTS AND A SMOOTH, SAFE PROGRESSION THROUGH THE NATURAL SCIENCE LABS.

PLEASE TRY TO MAKE REGULAR REFERENCE TO THE LSA AND MAKE SURE TO MAKE SAFETY AN INTEGRAL PART OF THE CLASSROOM EXPERIENCE.

ASSURE THAT STUDENTS ARE REMINDED OF THE EYEWASHES, SHOWER, FIRE EXTINGUISHERS, THE FIRE BLANKET AND THE WASTE DISPOSAL CONTAINERS (THE PHYSICAL SAFETY FEATURES OF THE LAB), THAT THEY UNDERSTAND THE CONSEQUENCES OF NOT COMPLYING WITH THE AGREEMENT AND STRESSES THE DEPARTMENT PROCEDURE WHICH FORBIDS EATING AND DRINKING IN THE LABS AT ALL TIMES. THANKS

Lake Michigan College - Natural Sciences Student Lab Safety Agreement

Safety in the laboratory is a primary concern. Therefore, violations of the safety procedures by students will be handled as follows: first offense: warning, second offense: dismissal from the lab with a grade of zero, third offense: failing grade in lab portion of the course and the student will not be allowed to re-enroll in the lab.

1. No one is allowed to eat, drink, smoke or apply cosmetics while in the lab.
2. **Protective Equipment:** The appropriate personal protective equipment (PPE) (goggles, gloves, aprons, etc.) will be supplied to each student when needed for class. Your instructor will tell you when PPE is to be worn and when it is safe to remove it. You are required to wear the appropriate PPE when instructed.
3. **Safe Handling Practices:** Students must never eat or drink in the lab or use personal equipment, when using hazardous chemicals, when glassware and equipment are heated, and as directed by lab instructor.
4. **Students may only enter the laboratory when Supervising Personnel is present, or if two given permission.** Only students enrolled in the laboratory course are allowed in the laboratory.

Accident Prevention and Response: Always follow the directions of your instructor. In case of fire or accident, notify your instructor at once. Emergencies, accidents or unsafe circumstances must be reported immediately to your instructor. Students must know the location of at least two exit doors from the laboratory. **Safety showers, eye wash stations, first aid kits, and fire extinguishers** are located in each lab. It is your responsibility to know their locations.

5. Chemicals are never to be smelled or tasted. Do not pipet by mouth.
6. Unchecked experiments or projects are NOT allowed.
7. Chemicals and laboratory materials may NOT be removed from the lab.
8. The proper disposal of materials is essential. Glass: Broken glass may be disposed of only in the proper container, never thrown in the general trash. **HAZARD:** Dispose of materials that you have come in contact with toxic liquids or vapors in the **BIOHAZARD WASTE** container provided. A hazard container will be provided for liquid waste and another for solid waste. Small sharp disposable materials must be placed in a **BIOHAZARD** container. **BIOHAZARD:** Containers or animal tissues may NOT be disposed of in the lab or regular trash. Disposed containers to hold fluids, chemicals will be provided as needed.
9. **Protective gloves:** must be worn when working with prepared specimens and most chemicals.
10. **Sealing and use of toxic substances:** Sealing and use of toxic substances. Use care when working with volatile and other toxic materials.
11. Use a probe when getting to inside to avoid damaging them.
12. **Safe disposal:** Use water when washing and emptying. **Sealing:** should be sealed with the lowest registration level possible. The wire should be sealed with tape, gloves and torn paper only. Lights should be turned off, and the electrical cord wound up properly before putting the microscope back in its storage location.
13. Place lock tags in designated areas so that lab notes and forms will be as **unreadable** as possible.
14. When lab is completed, materials must be returned to the proper place. Glassware and equipment must be cleaned and dried and bench top cleaned after use.
15. Gas bottles and water faucets should be turned off before you leave the lab.
16. **Wash your hands** before you leave the lab. Assume that all reagents are poisonous and act accordingly. Read labels on chemicals for safety procedures and know the nature of the chemicals you are using.
17. **USE COMMON SENSE!**

NOTE: Biology labs which occur outdoors (LMC Natural Area, field trips) will necessitate wearing closed toe shoes, and protective clothing against using, stinging insects and poisonous plants. Check with your instructor before touching or handling any plants or animals while outdoors.

Science laboratories frequently utilize materials that, if handled improperly, may have hazardous effects on the health of students. This is particularly true for those students who because of an existing health condition, may be adversely at risk. Examples of such include, but are not limited to: pregnancy, nursing mothers, depression of immune systems (HIV/AIDS, chemotherapy, transplant patients, etc.) and allergies.

• If any of the above situations apply to you, or if you are aware of any other condition that would make you especially susceptible to infection or toxicity from substances commonly used in the laboratory for this course, you MUST advise your lab instructor so that your safety can be given appropriate consideration.

KEEP THIS PAGE FOR YOUR REFERENCE

COMPLETE THE ATTACHED SHEET AND RETURN IT TO YOUR INSTRUCTOR

BIRD BRAIN?



Ravens (Corvus corax) have been observed to use their beaks similar to hands to show and offer objects such as moss, stones and twigs to fellow ravens.

MORE LSA

NEW YEAR

MANY NATURAL SCIENCE INSTRUCTORS HAVE ALREADY RETURNED THEIR LAB SAFETY AGREEMENTS. THANK YOU. CONTACT LMC LAB MANAGER SCOTT MURTON IF YOU HAVE SOME THAT YOU NEED TO HAVE PICKED UP. GOOD JOB SO FAR ELIMINATING FOOD AND DRINK IN THE LABS.

AS A NEW CALENDAR YEAR DAWNS ON LMC

MAY
EVERYONE
HAVE A SAFE
SEMESTER.

