

SAFETY PROCEDURES IN THE LABORATORY

One of the first things a scientist learns is that working in the laboratory can be an exciting and rewarding experience. But it can also be quite dangerous if you are not serious and alert and if proper safety precautions are not taken at all times. However, the laboratory is a safe environment in which to work and learn if some general rules are observed and safety precautions are stressed each time an investigation is begun.

Dress Code:

- Tie back long hair to keep your hair away from any chemicals or other lab equipment.
- Do not wear sandals or open toe shoes in the lab. Never walk around the lab barefoot or in stocking feet.

General Safety Rules:

- Be serious and alert when working in the lab. Never "horse around" in the lab.
- Be sure that you understand the procedure to be employed in any lab investigation and any possible hazards.
- Follow the directions exactly as written or spoken. If you are in doubt about any part of the investigation, ask the instructor for assistance.
- Handle tools and equipment CAREFULLY!
- Never eat or taste anything in the lab including food, drinks, candy and gum.
- Wash your hands before and after performing every investigation.
- Keep your lab area clean and free of unnecessary books, papers and equipment.

First Aid:

- Report all accidents, no matter how minor, to your instructor immediately.
- Become aware of the location of the first aid kit. But remember that your instructor should administer any required first aid due to injury.
- Your instructor may call

a physician. Using Sharp

Instruments:

- Handle scalpels (or razor blades) with extreme care. Never cut materials toward you: Cut away from you.
- Be careful when handling sharp, pointed objects: such as scissors, pins and dissecting probes.
- Notify your instructor IMMEDIATELY if you cut yourself or

receive a cut. Handling Organisms:

- Treat all body parts of an organism with CARE and RESPECT.
- Wear gloves when handling

body parts. End of Investigation

Rules:

- When the signal is given to end the investigation, STOP! Clean up your work area and return all equipment to its proper place.
- Wash your hands after every investigation.

Safety Promise:

This is to certify that I have received PRINTED INSTRUCTIONS regarding the safety procedures to be followed in the laboratory during the A.C.E.S. Summer 2017 Workshop. I realize that failure to observe these instructions may lead to serious consequences. Therefore, to avoid any injuries to persons or equipment, I PROMISE TO OBSERVE AND OBEY THESE RULES CAREFULLY AND FAITHFULLY.