Lab Safety

General
- No eating or drinking in lab (this includes chewing gum)
- Label all samples or containers with the contents (identity, concentration, modifications), the date, and your netid
- Know evacuation procedures
- Never use lab equipment you haven't been trained on
- If you notice unsafe conditions in lab, let your supervisor know
- Keep your bench/common areas tidy and clean
- Know emergency phone numbers

Dress code
- Pants and close-toed shoes only
- Tie back long hair (chin-length or longer)
- Make sure long sleeves are not loose
- Do not wear loose or dangling jewelry

You need to cover your skin on your legs and feet in case you or someone else spills a hazardous chemical or drops a sharp tool. Long hair must be tied back to avoid dipping in chemicals, contaminating samples, and/or catching on fire in a Bunsen burner.

Personal protective equipment
- gloves
- safety goggles
- lab coat
- respiratory mask (if working with dusty materials)

Chemicals
- Treat every unknown chemical as though it were dangerous
- Before using any chemical, read the MSDS to understand health risks and follow the safety guidelines
- Label all chemical solutions with the chemical name, concentration, the date, and your net id
- Never take more chemical from a bottle than you need for your work and don't put unused chemicals back in the original container
- Never take chemicals out of the laboratory
- Flammable and volatile chemicals must be used only in a fume hood
- Clean up chemical spills immediately
- Do not smell or taste chemicals
- Never lift any glassware, solutions, or other types of apparatus above eye level
- Do not pipette by mouth
- Wear appropriate gloves for the chemical you are working with
- Dispose of chemical waste properly

Accidents
- Know the locations of the fire extinguisher, eye wash and shower in the lab in case a chemical is spilled on your eyes, skin, or clothes
- Know how to use said eye wash stations and shower
- Immediately report any spills or accidents to your supervisor (even if the accident seems too small to report)