## YALE Environmental Health & Safety Undergraduate Lab Safety

#### **Personal Protective Equipment**

#### **APPOPRIATE LAB CLOTHING**

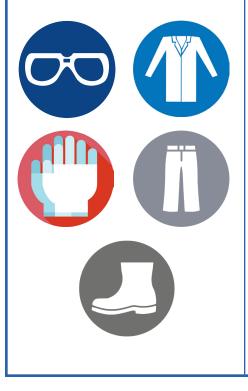
Always-Long pants/closed toe shoes. Safety or prescription glasses. Never-Shorts, skirts or sandals.

#### When work involves hazardous materials:

- Safety glasses
- Lab coat
- · Chemically-resistant gloves

#### Remember:

- Tie back/up long hair
- Remove lab coats and other PPE when leaving the lab.
- Contact lenses not recommended.





#### KNOW LOCATIONS OF NEAREST:

- Exits from room and building
- Safety shower
- Emergency eyewash
- · Spill response supplies
- Phone
- Fire alarm pull station

EMERGENCY CONTACTS Medical, Fire, Police: 911 or 203-432-4400 EHS Emergency Line: 203-785-3555 Yale Health Acute Care: 203-432-0123 EHS Main Line: 203-785-3550

### YALE Environmental Health & Safety

# Undergraduate Lab Safety

## **Basic Lab Safety**

- Do not work alone in the laboratory.
- Know the hazards of the materials and equipment you will be using prior to beginning your experiment.
- Plan experiments ahead of time, using written procedures. Don't be afraid to ask questions.
- Seek advisor or instructor approval before modifying approved experiments, such as chemical substitution or reaction scale-up.
- Use a fume hood when working with volatile or hazardous materials.
- Never mouth pipette.
- Avoid use of sharps such as needles or glass pipettes if possible. Never recap needles, and dispose of needles in needle boxes and all other sharps in appropriate sharps containers.
- Use a hotplate, heating mantle or heating block instead of an open flame where possible.
- Store all chemicals in approved storage location in the laboratory.
- Protect the environment! Never dispose of hazardous waste down the drain or in the regular trash. Follow guidelines in the Yale Laboratory Waste Disposal Tool (ehs.yale.edu).
- Clean lab work surfaces and equipment at the end of your experiment or procedure.
- Remove PPE and wash hands with soap and water before leaving the laboratory.

Remember: Food and beverages are not allowed in any Yale University laboratory.

