LABORATORY SAFETY HIGHLIGHTS

XXXX LAB

FOR YOUR OWN SAFETY AND THE SAFETY OF OTHERS, HEED THE FOLLOWING RULES!

EMERGENCY: dial 911 first, *AND* 6-2919 (EHS/UOPD) | PI OR LAB CONTACT

*Edit this template to best serve the needs of your particular lab group. See the samples from the Barkan and Pluth labs. Keep to 1 page.*

**• Safety Shower, Eyewash, Fire Extinguishers.** Each lab member must be familiar with the location and operation of this equipment. Eyewashes should be tested/flushed on a weekly basis. *(Consider linking this job to your lab meeting rotation so that all lab members have the locations reinforced.)* Safety showers and fire extinguishers are tested annually by EHS. Report damaged safety equipment to EHS immediately at 346-3192.

**• Long pants, shirts that cover the torso and closed-toed shoes are required at all times. Additional skin protection is required when working with the following chemicals:**

List the hazardous chemicals used in your lab and what Personal Protective Equipment is required. Chemicals such as acids, bases, strong irritants, and oxidizers require lab coats or aprons. Higher level PPE is required for use of Pyrophoric, highly flammable chemicals, air reactive chemicals, or other specialized hazards.

**• Wear safety goggles when using any chemicals listed above and when performing the procedures below:**

List activities that are common in your lab that require eye protection. Eye protection is required if there is a caustic eye hazard (e.g. Acids or Bases), or a mechanical hazard (eg splashing hot liquid or flying debris)

**• Wear chemical resistant gloves when working with ANY of the reagents above.**

Heed the “one glove rule”: remove one glove when moving between rooms to avoid touching doorknobs with a contaminated glove. Note that glove materials differ in their permeability to different reagents. Gloves should be removed as soon as possible if contaminated. If significant contact is possible consult a glove chart to identify the best glove, gloves can be purchased at the Science Stores in cascade annex.

**• Disposal of common hazardous reagents (EHS DISPOSAL: 6-3192)**

Outline the hazardous waste collection and pickup procedures in your laboratory. Any lab member that handles or generates hazardous waste must attend the EHS “Hazardous Waste Generator” training

**• Storage of Hazardous Liquids**

Outline relevant hazardous liquid storage practices, locations, and inventorying system

**• Heating Liquids and Exothermic Reactions**

Outline relevant safety practices around heating liquids, using microwaves, Bunsen burners, or hot baths.

**• Fume Hoods:**  Follow the guidelines posted by the hood, never raise the hood sash above the marked operating height when it is in use, and keep all work at least 6 inches behind the hood sash.

**•**  **Cryogenic Liquids and Compressed Gas:**

Outline required PPE, highlight the major safety issues relevant to your work (e.g. never store cryogenics in sealed containers, work in well ventilated spaces, what to do in case of burn/frostbite) .

**IMMEDIATELY REPORT SIGNIFICANT CHEMICAL SPILLS OR ANY INJURIES USING THE CONTACT INFORMATION ABOVE**