Protection of Minors (POM) in Laboratories

California State University East Bay (CSUEB) is committed to providing a healthy and safe environment for all members of the campus community and visiting members of the public including minors.

SCOPE

A. This Appendix applies to all minors' involved in summer internships, volunteering in research projects and participating in scheduled assignments in a laboratory setting.
B. All departments are required to comply with the POM program and guidelines in addition to Appendix A
C. This Appendix sets recommendations on minors' participation based on age ranges. Minors under the age of 14 are not permitted in CSUEB laboratories, except when participating in an approved and supervised tour.
D. This Appendix does not regulate:
    1. Outreach programs, including students working on science fair projects

DEFINITIONS

A. **Minor**: any person under eighteen (18) years of age.
B. **Biological Agents:** Living organisms or products of living organisms such as viruses, bacteria, fungi, prions & parasites.
C. **Biosafety Level (BSL) Containment Protocols:** Biosafety Levels 1-4 as defined by the National Institutes for Health guidelines, describe containment practices for hazardous chemicals and dangerous materials, based on advice from the federal Centers for Disease Control and Prevention. Containment strategy is linked to the type of facility, appropriate engineering controls, safe work practices, and use of personal protective equipment.
D. **Combustible liquids:** Any liquid having a flashpoint at or above 100 °F. (37.8 °C.) per OSHA §1910.106(a)(18).
E. **Flammable liquids:** Any liquid having a flashpoint below 100 °F. (37.8 °C.), except any mixture having components with flashpoints of 100 °F. (37.8 °C.) or higher, the total of which make up 99 percent or more of the total volume of the mixture per OSHA §1910.106(a)(19).
F. **Corrosive:** A chemical that causes visible destruction of, or irreversible alterations in, living tissue by chemical action at the site of contact per OSHA 29 CFR 1910.1200 App A.
G. **Laboratory**: As used in this Policy, "laboratory" refers to any part of a building used or intended to be used by the University for scientific or technical activities which may be hazardous; this includes teaching laboratories as well as research laboratories. This policy also covers off-campus facilities, on-and off-campus

clinical facilities, and fieldwork locations where approved educational activities are conducted.

H. **Personal Protective Equipment (PPE):** Personal protective equipment is equipment worn to minimize exposure to a variety of hazards. Examples of PPE include such items as lab coats, gloves, foot protection (steel-toed shoes),eye protection (safety glasses or goggles), protective hearing devices (earplugs, muffs), hard hats, respirators, fall protection harnesses, etc.
I. **Vivarium:** A facility where live animals or plants are housed.

Facility Risk Assessment

A. Contact EHS for approval of the program

Training –

Professor and or Program Supervisor will:

A. Provide general and laboratory specific safety training for minors working in Laboratories following the EHS Laboratory Safety guidelines.
B. Explain hazards specific to your lab, equipment and the materials the minor may handle.
C. Explain possible routes of exposure, as appropriate (e.g., skin, absorption, ingestion, inhalation) and precautionary measures precautions' to limit exposures,
D. Provide appropriate PPE and engineering controls, and explain when and how to use them.
E. Review emergency procedures, including:
    - UPD contact information (510-885-3791)
    - First-aid Kit
    - Eye wash and emergency shower, if appropriate
    - Fire alarm pull stations and fire extinguishers
    - Building exits
    - Where to assemble outside in case of building evacuation