

**RELEASE OF LIABILITY, WAIVER OF CLAIMS, EXPRESS
ASSUMPTION OF RISKS, AND HOLD HARMLESS AGREEMENT**

I HAVE READ, UNDERSTAND, and INITIALED the Potential Hazards in Laboratories and Shops Information Sheet describing the potential risks and dangers associated with my minor child's research project, and the Rules for Minors Working in Laboratories and Shops. I fully understand that there are potential risks and hazards associated with exposure to hazardous materials or substances, and I have carefully discussed them with my minor child.

I AGREE TO ALLOW my minor child to work in University of California laboratories and shops and freely accept and assume all associated risks and hazards. I expressly agree that my minor child may suffer injury, illness, or even death from his/her activities or presence in the laboratory/shop. I ALSO AGREE AND UNDERSTAND that my child's research project may be suspended at any time, at the discretion of the University of California and its officers, agents, and employees, if the safety of my child, University of California employees, students, and/or other volunteers at the University of California become a concern.

I, for my minor child, myself and his/her and/or my estate, heirs, administrators, executors, and assigns, hereby release and hold harmless the State of California, the UC Board of Regents, and their officers, directors, employees, representatives, agents, and volunteers (collectively, the "Releasees"), from any and all liability and responsibility whatsoever, however caused, for any and all damages, claims, or causes of action that I, my minor child, his/her and/or my estate, heirs, administrators, executors, or assigns may have for any loss, illness, personal injury, death, or property damage arising out of, connected with, or in any manner pertaining to my child's activities in University of California laboratories, whether caused by the negligence of Releasees or otherwise. I further hereby agree to defend, indemnify and hold harmless the Releasees from any judgment, settlement, loss, liability, damage, or costs, including court costs and attorney fees that Releasees may incur.

In signing this agreement, I acknowledge and represent that I have read and understand it and that I sign it voluntarily and for full and adequate consideration, fully intending to be bound by the same. My minor child and I expressly agree that this Release is intended to be as broad and inclusive as permitted by the laws of California, by which it shall be governed and interpreted. My minor child and I agree that in the event that any clause or provision in this Release shall be held to be invalid by any court of competent jurisdiction, the invalidity of such clause or provision shall not otherwise affect the remaining provisions of this Release, which shall continue to be enforceable.

Signature of Parent/Legal Guardian

Printed Name of Parent/Legal Guardian

Signature of Minor

Printed Name of Minor

Date

D.O.B. of Minor

**POTENTIAL HAZARDS IN LABORATORIES AND SHOPS
INFORMATION SHEET**

Category	Definition & Hazards		Examples
Chemicals	Refined compound that could be in the form of a solid, liquid or gas. These may or may not be hazardous. Some compounds may have numerous hazard classifications (e.g., flammable, toxin & carcinogen)	Carcinogens: may cause some sort of cancer with long term exposure - usually many years in the future	Benzene
		Teratogens: may cause birth defects in the developing fetus	Alcohol, thalidomide
		Reproductive toxins: may affect the reproductive system of males & females	Toluene, Xylene, Ethidium bromide
		Neurotoxins: may affect the nervous system	Ethidium bromide, Snake venom
		Flammables: may burn or explode	Acetone, Xylene, Alcohol
		Reactives: may react explosively	Peroxides, Acrylamide
		Corrosives: may cause tissue damage with contact through inhalation, eye, skin, etc.	Acids & Bases
		Toxins: may cause illness or death on exposure	Cyanide
Compressed Gases	High-pressure cylinders that hold gases. These are usually large & heavy. Gas may be harmless, toxic, corrosive, and/or flammable	Explosion hazard if they rupture	Hydrogen, Oxygen
		Asphyxiant hazard if they vent the gas to the workplace & it displaces oxygen	Nitrogen, Helium, any other Non-Oxygen Gas
Radiation/Radioactive Materials	High energy particles (alpha & beta) or photon (X-rays, gamma)	Tissue & organ damage with high doses	Uranium, Phosphorus32, Sodium35, X-rays
Physical hazards	Hazards from noise, machinery, heat, cold, etc.	Tissue damage, hearing loss	Scrapes, Cuts
			Cold: liquid nitrogen, dry ice
			Heat: burners
Lasers	Intense, highly directional beam of light	Eye damage and possible skin damage	Class IIIB and IV, and Open Beam Laser Operation

Category	Definition & Hazards		Examples
Biological Agents	Living organisms or products of living organisms such as viruses, bacteria, fungi, prions & parasites. Hazards from infection with these agents are organism-dependent & can range from mild & treatable to severe & untreatable. Classification of hazards in four groups called biological safety levels with level 1 as the least hazardous & level 4 as the most hazardous.	Level 1 - Minimum hazard	Baker's Yeast & E. coli K12
		Level 2 - Mild to severe illness	Influenza, Polio & Salmonella
		Level 3 – Severe illness & possible death	Tuberculosis & AIDS
		Level 4 – Fatal disease	Hemorrhagic fever
Recombinant DNA	Genetically modified organisms with variations in genes within the organism.	Often unknown consequences once introduced to the human body.	Viral vectors like Adeno & Adeno-associated viruses used to transfect or express genes
Toxins – Microbial, Plant, Animal	Poisons produced by plants, living organisms or animals.	Tissue & organ damage or death.	Plant: Ricin Animal: Fish & Snake venom Microbial: Staph, Tetanus

Parent/Legal Guardian Initials: _____ Date: _____

Minor Initials: _____ Date: _____

RULES FOR MINORS WORKING IN LABORATORIES AND SHOPS

- 1. Never work alone in any laboratory environment without direct, immediate adult supervision from the sponsor or someone designated by the sponsor.**
- 2. Complete and follow safety training specific to the hazards in the laboratory.** At a minimum, anyone who will be in a lab is required to complete the Laboratory Safety Fundamental Concepts class. Additional training requirements may apply depending on the nature of the work that will be conducted in the lab and/or shop.*
- 3. Always wear the appropriate personal protective equipment (PPE) as directed and dispose of it correctly. PPE includes goggles, gloves, coats/gowns, and other face/body protection as dictated by the hazard being worked with or around. Always remove PPE when leaving the work area. See:**
 - *Policy 905: Research Laboratory Personal Safety and Protective Equipment* (<http://www.adminpolicies.ucla.edu/app/Default.aspx?&id=905>); and
 - *EH&S PPE Selection Guide* (http://ehs.ucla.edu/Pub/PPE_Guidance.pdf).
- 4.** Always follow the instructions of the sponsor or laboratory supervisor.
- 5.** Always report any accident (regardless of severity) immediately to the sponsor or laboratory supervisor.
- 6.** Always keep your hands away from your face and wash them well with soap and water prior to leaving any laboratory area and after removing gloves.
- 7.** Never eat, drink, chew gum, apply lip balm, or touch contact lenses while in any laboratory environment.
- 8.** Always wear closed-toe shoes while in any laboratory.
- 9.** Always tie back long hair to keep it out of all the hazards listed above.
- 10.** Always wear clothing that reduces the amount of exposed skin.
- 11.** Always ask questions if you don't understand the safety requirements.

Parent/Legal Guardian Initials: _____ Date: _____

Minor Initials: _____ Date: _____

*Note: The EH&S Classroom Training Description and Schedule is found online: <http://map.ais.ucla.edu/go/1003938>.