



LAB-SPECIFIC TRAINING (BDML)

	TRAINING GOAL	HOW LAB FULFILLS TRAINING GOAL
TRAINING	Ensure completion of all safety training before beginning lab work.	<ul style="list-style-type: none">• General Safety and Emergency Preparedness (EHS-4200) – available online via ACESS → STARS• Chemical Safety for Laboratories (EHS-1900) – available online via ACESS• Fire Extinguisher Training (EHS-3850) - available online via ACESS
SAFETY ROLES	Know the health and safety responsibilities of the principal investigator, lab safety coordinator, and all group members.	<ul style="list-style-type: none">• Refer to http://bdml.stanford.edu/Main/LabSafety
SAFETY INFO	Know where to find material safety data sheets (MSDS), standard operating procedures (SOP), user manuals for equipment, journals, textbooks, etc.	<ul style="list-style-type: none">• Material Safety Data base : msds.stanford.edu• No Specific SOP so far, if your type of work is required to have SOP, Search for appropriate SOP from https://ehs.stanford.edu/standard-operating-procedure
LAB-SPECIFIC HAZARDS	Know the lab's chemical ordering, usage, and disposal procedures.	<ul style="list-style-type: none">• Chemical Storage: Yellow flammable cabinet at the corner near sink.• Chemical Inventory:<ul style="list-style-type: none">- List of Chemicals that have to be in the inventory can be found here- ChemTracker (more info)- ChemTracker Log in → search tab → owners tab → type in Cutkosky → search Then details tab at the bottom to edit! → Add use the tab Mark already generated to add new chemicals!• Waste disposal:<ul style="list-style-type: none">- Solder bin: put all solder waste in ziploc bags and keep in bin.- Sharps bins: located by sink. Label with contents (chemical waste, etc.)- Chemical waste bin: use for disposal of all chemical waste. If you wipe up a chemical with a tissue, that's chemical waste. Glue also counts until it hardens completely. <p>Waste tag (get them here) and Pick up request (here)</p>

LAB OPERATIONS	Know what is required personal protective equipment (PPE) for working in the lab, including where lab-provided PPE is stored such as safety glasses/goggles, cryogenic gloves, etc.	<p>Instruction was given by the trainer.</p> <ul style="list-style-type: none"> - Glove - Glasses - Masks
	Know the rules for being trained on and authorized to use the lab's specialized equipment, e.g., centrifuge, rotary evaporator, glove box, etc.	<ul style="list-style-type: none"> • Machining tool (Drill Press, Disk/Bend Sander, Saw etc) follows the normal machine shop safety rules (here)
	Know the lab's "Do's and Don'ts"	<p>Do:</p> <ul style="list-style-type: none"> • Place the tool back at the right storage after use. (Please)
EMERGENCY EQUIPMENT & PROCEDURES	Know where to find safety equipment.	<ul style="list-style-type: none"> • See BDML Lab Safety page (here)
	Know the procedures for chemical, fire, and earthquake emergencies.	<ul style="list-style-type: none"> • Emergency Assembly Point (EAP): Grass Area Near Thornton (Cross Section of Lomita Drive and Santa Terresa St. EAP#9-1) • Evacuation Route: <ul style="list-style-type: none"> - Use rear door of the lab and evacuate toward Santa Terresa St. • Use front door of the lab evacuate to the entrance close to Santa Terresa St.
	Know the incident and injury reporting procedures.	<ul style="list-style-type: none"> • Emergency: Call 911 (MERL, 418 Panama Mall, Building 02-660, Rm 132) • For Serious Injury, illness or death: Call EH&S Emergency Hotline (650-725-9999) • Inform Supervisor: SU17 form need to be reported within 24 of incident. •
<p>Lab member: _____</p> <p>Lab member's signature: _____</p> <p>Trainer's name: _____ Training date: _____</p> <p>Signature of PI: _____</p>		