#  Lab-Specific Training Guide

This guide may be used to assist PIs/supervisors with lab-specific training for new lab members. Training records should be updated as new areas become relevant; initial and date next to checkboxes for training provided after initial date. Keep a copy of this document and send a copy to EHS.

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| PI: | Department: |
| Building: | Room: |
| Initial | Basic laboratory safety |
|  | Review [UO Safety Policy](http://policies.uoregon.edu/policy/by/1/08-health-and-safety/safety) |
|  | Review safe lab practices (proper attire, handwashing, no pets allowed etc.) |
|  | Identify designated areas for food consumption/storage outside of the lab |
|  | Review procedures for working after hours |
|  | Review procedures for incident/accident first aid, reporting and applicable [forms](https://safety.uoregon.edu/injury-reporting-and-workers-compensation) |
| Emergency information: spills, injury, fire, and power failure |
|  | Fire extinguisher and first aid kit |
|  | Evacuation plans and Fire alarm pull stations |
|  | Safety shower and eyewash locations and use |
|  | Lab spill kit and Emergency procedures (wall flip-chart) |
| Waste handling procedures (labeling, packaging, [requesting pick-up](https://safety.uoregon.edu/hazardous-waste)) |
|  | Chemical |
|  | Radioactive |
|  | Pathogenic/Biohazard and Carcasses |
|  | Sharps (e.g., needles/razor blades), and uncontaminated glass waste |
| Work involving chemical hazards |
|  | Review of UO and lab-specific [Chemical Hygiene Plans](https://safety.uoregon.edu/chemical-safety) (CHP) |
|  | Review location of Safety Data Sheets (SDSs) |
|  | Review Chemical Inventory |
|  | Review procedures for chemical procurement and distribution |
|  | Storage (compatible storage, corrosives cabinet, flammable liquid storage cabinet, flammable liquid storage refrigerator, etc.) |
|  | Location where certain procedure(s) may be performed (e.g., fume hood) |
| Personal protective equipment |
|  | Discuss required PPE for various lab work, plus additional PPE for specific tasks |
|  | Review selection and proper use of gloves (& manufacturer’s guidance) |
|  | If a respirator is required for work, arrange for [evaluation, training, and fit testing](https://safety.uoregon.edu/respiratory-protection-program) |
| Housekeeping, maintenance, and inspections |
|  | Discuss materials stored or frequently present on the floor |
|  | Discuss maintenance of scientific equipment |
|  | Review maintenance of lab’s safety equipment: weekly flushing of eyewash, checking fire extinguishers monthly, monitoring gauges on fume hoods, biosafety cabinets, keeping safety showers and electrical panels accessible, etc.) |

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| Initial | Exposure monitoring/medical surveillance |
|  | Discuss PEL and TLV for chemicals in use and how to reduce employeeexposure |
|  | Discuss use of fume hoods, biological safety cabinets or other mechanicalventilation systems |
|  | Review criteria for medical surveillance, as found in the UO Chemical HygienePlan |
|  | Discuss the need for employee to inform health care provider of hazardous substances used in the lab, particularly in instances of immunocompromisedstatus |
| Working with pathogenic or recombinant/synthetic materials |
|  | Review standard microbiological practices; use of biosafety cabinet if applicable |
|  | If work involves human blood, other human-derived or non-human primatederived materials, contact BSO to enroll in [Bloodborne Pathogens Program](https://safety.uoregon.edu/bloodborne-pathogens) |
|  | If recombinant or synthetic DNA is used, review procedures for spills, exposures,and reporting requirements |
|  | Review [UO Biosafety Manual](https://safety.uoregon.edu/biosafety-program) and lab-specific biosafety manual for BSL-2 labs |
| Working with radioisotopes |
|  | Contact Radiation Safety Officer for enrollment into program |
|  | Review [Radiological Safety Manual](https://safety.uoregon.edu/radiation-safety) |
|  | Review [Dosimetry Program](https://safety.uoregon.edu/radiation-safety) |
| Working with animals |
|  | Contact Animal Care Services for animal handler training |
|  | Contact Biosafety Officer for occupational health training |
|  | Complete and submit Medical Questionnaire to University Health Center |
| Additional lab-specific hazards |
|  | Review applicable topics such as liquid nitrogen, [lasers](https://safety.uoregon.edu/laser-safety-program), [controlled substances](https://safety.uoregon.edu/controlled-substances) |
|  | Discuss ongoing laboratory training (e.g., review of incidents/accidents/injuriesand how to prevent recurrence) |

*I certify the above items have been reviewed with me and I agree to take responsibility for maintaining a safe laboratory environment.*

Lab member’s signature: Date:

Supervisor’s signature: Date:\_\_\_\_\_\_\_\_\_\_\_\_