



Safety Checklist for Laboratory Researchers

The following is a summary of items that all laboratory researchers should review when starting up a new lab, providing an orientation to new lab staff or during annual review.

- [Campus Safety webpage](#) and [Safety Services webpage](#) outline various procedures, manuals, forms and requirements for health and safety.
- Incident Reporting and Emergency Response:**
 - Security Services 24 hour emergency number: (403) 329-2345
 - Call 911 for all life-threatening emergencies
 - All incidents/accidents and near misses must be reported. Submit a Campus Accident/Incident Report (CAIR)
- Emergency Preparedness:**
 - Know emergency exit locations, evacuation routes and assembly point locations
 - Know the location of eyewash/emergency showers, fire extinguishers, pull stations, first aid kits, etc.
 - Develop shut-down procedures for experiments, if required.
- Hazard Assessments:** shall be conducted for all work, including any new procedure, field exercise, field trip, etc.
- Working Alone Procedure** and **online registration**
- Right to Refuse Dangerous Work:** Alberta OHS Act Part 2: “no worker shall carry out any work if, on reasonable and probable grounds, the worker believes that there exists an imminent danger to the health and safety of that worker”.
- Field Research/Activity Safety:** develop a field activity safety plan for off-campus research activities (contact [Safety Services](#) for assistance).
- Driving for University business**
- Lab Chemical Safety and Procedures Manual:** provides general lab and chemical safety information applicable to all laboratories.
- Personal Protective Equipment (PPE):** know the location of and how to use PPE
- Chemical Inventory:** all chemicals must have WHMIS labels and be recorded in **CHEMATIX**
- Hazardous Waste Management Program:** monthly waste collection by Safety Services and DBS Environmental
- Biosafety Program:** UofL Biosafety Code of Practice and Procedures
 - [Biosafety Officer & Biosafety Committee](#)
- Radiation Safety Program:**
 - [Nuclear Radiation Safety](#)
 - [Laser Safety](#)
 - [X-ray Safety](#)
 - [Radiation Safety Officer & Radiation Safety Committee](#)
- Training and Orientation:**

NOTE - The courses provided by Campus Safety are generic training courses and are available on the [Safety Services Training Webpage](#). **The PI must provide additional lab specific training.**

 - [Site-Specific Orientation Checklist](#)
 - [Lab Personnel Training Record](#) : training records must be maintained
 - [WHMIS Training](#) (generic training is provided online; PI/supervisor is required to provide staff with site-specific training for the chemicals used in the lab)
 - [Cryogen Safety](#)
 - [Radiation Safety Training](#) (contact Radiation Safety Officer)
 - [Laser Safety Training](#)(contact Radiation Safety Officer)
 - [X-Ray Safety Training](#) (contact Radiation Safety Officer)
 - [Biosafety Training](#) (contact Biosafety Officer)
 - [Transportation of Dangerous Goods \(TDG\)](#)
 - [First Aid Training](#)