

12 MONTHS OF RESEARCH SAFETY NOVEMBER 2025 *TOP LAB SAFETY FINDINGS*

Lab Safety Evaluations are a way to identify and correct safety issues before they become a problem. Based on one year of evaluations, here are UCR's laboratories top findings and what you and your lab can do to correct them.

Top Lab Safety Findings

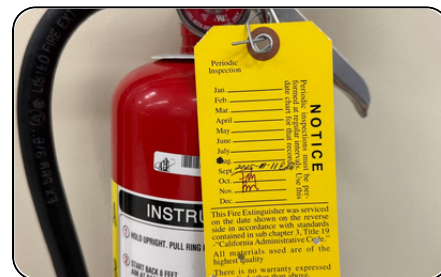
Fume Hoods 🔗

Verify your fume hood has been certified in the last year and not cluttered. If an alarm is going off or a light is out, notify us at ehsih@ucr.edu to work on correction.



Fire Extinguishers 🔗

On a monthly basis, check the charge, pin, and mount, and then initial the tag. If your extinguisher needs fixing or hasn't been replaced in over a year, contact ehsfire@ucr.edu.



Seismic Anchoring 🔗

Ensure all items taller than 42" are restrained, and heavy items are prevented from falling. Gas cylinders need two chains for each cylinder. Place a facilities work order.



Hazardous Waste 🔗

Verify all waste has a proper WASTe label on it. Ensure that waste is stored closed in secondary containment, and removed by the time limit on the tag. Contact radiobiowastepickup@ucr.edu with issues.



CONTACT US

Phone: 951-827-5528

Website: <https://ehs.ucr.edu/laboratory>

Email: ehslaboratory@ucr.edu Report an Incident, Injury or Safety Concern [Here](#)

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Safety Training

Use and document the Lab Site Specific Checklist with each member. Review SOPs and CHP in your lab safety manual, and make sure your online trainings aren't expired.

LABORATORY SITE SPECIFIC TRAINING CHECKLIST

In accordance to UCR Policy: Lab Safety Training, laboratory workers are required to receive a safety orientation specific to their unique laboratory work location and the processes common to their laboratory work. This checklist shall be performed and documented by the Principal Investigator or Supervisor on the first day the worker is granted access to or assigned work activities in the laboratory. All completed forms must be completed and maintained in the Laboratory Safety Manual.

Principal Investigator: _____ Department: _____
Name of Lab Worker: _____ Lab Worker Job Title: _____
Name of Trainer: _____ Trainer Job Title: _____
Date of Orientation: _____

Training Topics	
☐	Prior to Starting Work
☐	Complete Laboratory Safety Fundamentals via http://ehs.ucr.edu (initially and subsequent 3 years)
☐	Complete Hazardous Materials and Waste Management via http://ehs.ucr.edu (annually)
☐	Complete Fire Extinguishers via http://ehs.ucr.edu (annually)
☐	Read and confirm your PPE Laboratory Hazard Assessment Tool (LHAT) http://ehs.ucr.edu
☐	Review the Training Requirement matrix http://ehs.ucr.edu
☐	Identify the courses to be completed, and complete all training courses prior to commencing work in laboratories.
Lab-Specific Safety Orientation	
☐	Emergency Procedures
☐	Fire alarm pull station: Location of and demonstrate how to activate.
☐	Fire alarm evacuation route and assembly point.

LHAT

Your lab's LHAT should be certified, include all lab members on the roster, and every member should acknowledge and take PPE training.

Research Safety ✔ Certified

Kwok, Tiffany

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Name	Email	Role
Atwood, Mark	mark.atwood@ucr.edu	Member
Davis Russell, Heather	heather.davis@ucr.edu	Member
De Guzman, Erika	erika.deguzman@ucr.edu	Member
Garcia, Felix	felix.garcia@ucr.edu	Member
Kwok, Tiffany	tiffany.kwok@ucr.edu	Member

Safety Placard

Your placard should have updated contact information, and have a certified inventory date in the last year to ensure the diamond and GHS symbols are up to date.

Inventory Owner Emergency Contacts

Name	Role	Phone #	Alternate Phone #
Erika DeGuzman	Inventory Owner	(951) 827-5882	

Emergency Contacts

Name	Role	Department	Phone #	Alternate Phone #
EH&S Front Desk	Environmental Health & Safety	(951) 827-5528		
EH&S After Hours Phone	Environmental Health & Safety	(951) 333-8983		

Last Certified: Mar 03, 2025 (EH&S Services Building)

4

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Inter (blue and red) Toxic (red) Eye/Irritant (red) Flammable (red) Gases Under Pressure (red)

Standard Operating Procedures

Ensure you have SOPs for your hazardous chemicals and processes. Each SOP should be signed by the PI and reviewed and signed by all lab members using the process or when processes are changed.

**FLAMMABLE LIQUIDS
STANDARD OPERATING PROCEDURE**

Type of SOP: ☐ Process ☐ Hazardous Chemical ☒ Hazard Class

1. **HAZARD OVERVIEW**

The flashpoint of a flammable liquid is the lowest temperature at which it can form an ignitable mixture with air and produce a flame when a source of ignition is present.

2. **HAZARDOUS CHEMICAL(S) OR CLASS OF HAZARDOUS CHEMICAL(S)**

Flammable liquids are chemicals that have a flash point below 100° F (38° C) and a vapor pressure that does not exceed 40 psig at 100° F.

Flammable liquids are commonly divided into three classes.

Class	Flash Point	Boiling Point	Examples

Be Prepared

These 8 categories may seem straightforward to fix, but accounted for **over 75%** of all findings last year. Reviewing these steps before your evaluation is an easy way to simplify the process for your lab and stay safe and prepared.

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