

# 12 MONTHS OF RESEARCH SAFETY

## FEBRUARY 2025

### LAB FIRE PREVENTION

#### Focus areas for fire and life safety inspections

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|--|---|
| <b>Chemical Inventory<br/>/Door placarding</b> | <ul style="list-style-type: none"> <li>Ensure chemical inventory has been updated and certified in the last 12 months and door placards are updated <a href="https://ehs.ucop.edu/chemicals">https://ehs.ucop.edu/chemicals</a></li> </ul>  |
| <b>Egress</b>                                  | <ul style="list-style-type: none"> <li>Keep aisles clear 36" throughout the lab to be able to safely exit in an emergency</li> <li>Do not block doorways and fire doors, and do not prop open entry doors</li> </ul>  |
| <b>Safety Equipment</b>                        | <ul style="list-style-type: none"> <li>Keep equipment such as fire extinguishers and safety showers clear for access, and do not cover fire alarms</li> </ul>   |
| <b>Electrical</b>                              | <ul style="list-style-type: none"> <li>Confirm that there is no daisy chaining and that surge protectors are not overloaded for their rating</li> <li>Do not run cords across walkways</li> <li>Plug kitchen appliances and other large equipment directly into the wall outlets</li> <li>Keep electrical panels clear 36" in front of them and 30" wide</li> </ul> |
| <b>Proper chemical storage</b>                 | <ul style="list-style-type: none"> <li>Store flammable materials in cabinets. Ensure appropriate segregation is in place, including gas cylinders</li> </ul>  |
| <b>Compressed gas storage</b>                  | <ul style="list-style-type: none"> <li>Ensure cylinders are restrained by two, non-combustible restraints (e.g. chains) secured at the upper 1/3 and lower 1/3 of the tank</li> </ul>   |
| <b>Overhead Clearance</b>                      | <ul style="list-style-type: none"> <li>Remove all storage within 18 inches of any ceiling</li> </ul>  |
| <b>General Housekeeping</b>                    | <ul style="list-style-type: none"> <li>Remove excess storage of combustibles</li> </ul>   |
| <b>Seismic Restraints</b>                      | <ul style="list-style-type: none"> <li>Ensure all shelving units and large equipment are seismically strapped</li> </ul>  |
| <b>Structures</b>                              | <ul style="list-style-type: none"> <li>If there are structures built within a room, ensure they are permitted <a href="https://pdc.ucr.edu/building-safety-division">https://pdc.ucr.edu/building-safety-division</a></li> </ul>  |

#### CONTACT US

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Report an Incident, Injury or Safety Concern [Here](#)



## Questions?