

Caltech

Environmental Health and Safety

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Safety Is Everyone's Responsibility



Research Safety



Biological



Chemical



Laser



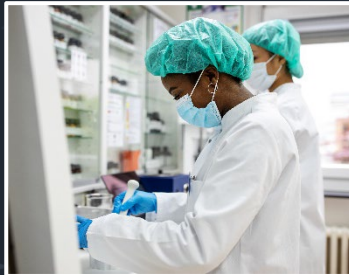
Radiological

EHS provides written Programs and supporting information for each research safety discipline, which are available on the EHS website

EHS Support to Campus



Assess Hazards



Train Personnel



Respond to Incidents

Caltech

RESEARCH SAFETY



Biosafety • Chemical Safety • Laser Safety • Radiation Safety



Required Training from Safety Office

SAFETY OFFICE ADMINISTERED

- Safety Office Website → Training tab
- Additional trainings available, reach out to Safety Office
- Postdocs working in wet labs need **Lab Safety Orientation** and **Hazardous Waste Online Training**

	WHILE AT CALTECH, YOU...	
LAB SAFETY	Will work in a laboratory	●
	Will generate/manage hazardous chemical waste	●
BIOSAFETY	Are at risk of exposure to human materials (blood, tissue, cells, bloodborne pathogens)	●
	Will use biological materials	●
	Will work with specific biohazardous materials	●
	Will work with aerosol transmissible pathogens	●
RADIATION SAFETY	Will handle radioactive materials	●
	Will work with radioactive sealed sources	●
	Will work with radiation producing machines (X-Ray, XPS, X-Ray Diffraction)	●
LASER	Will work with Class 3B or 4 lasers	●

		Laboratory-Specific Training										
		Aerosol Transmissible Diseases 1	Biological Toxins Training 2	Biosafety 2	Bloodborne Pathogens 1	Hazardous Waste Online Training 1, 4	Laboratory Safety Orientation	Laser Safety 3	Radioactive Material Handling 4	Radioactive Sealed Sources 4	Viral Vectors	X-Ray Safety Training
LAB SAFETY	Will work in a laboratory						●					
LAB SAFETY	Will generate/manage hazardous chemical waste				●							
BIOSAFETY	Are at risk of exposure to human materials (blood, tissue, cells, bloodborne pathogens)			●	●							
BIOSAFETY	Will use biological materials			●								
BIOSAFETY	Will work with specific biohazardous materials		●	●							●	
BIOSAFETY	Will work with aerosol transmissible pathogens	●										
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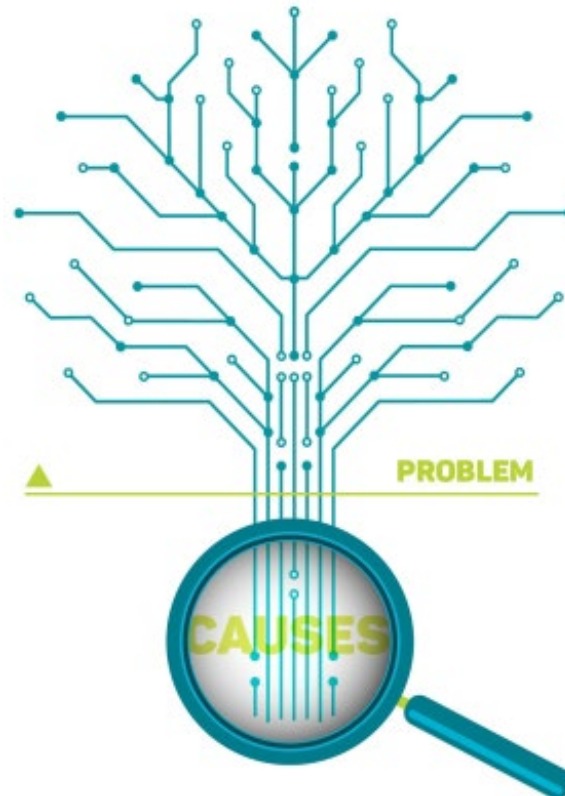
INCIDENT REPORTING & INJURY RESPONSE

IMMEDIATELY REPORT ANY KIND / ANY TIME

CALL x5000 (campus phone) **or 626-395-5000***

***ADD THIS NUMBER TO YOUR CELL PHONE-Caltech Security**

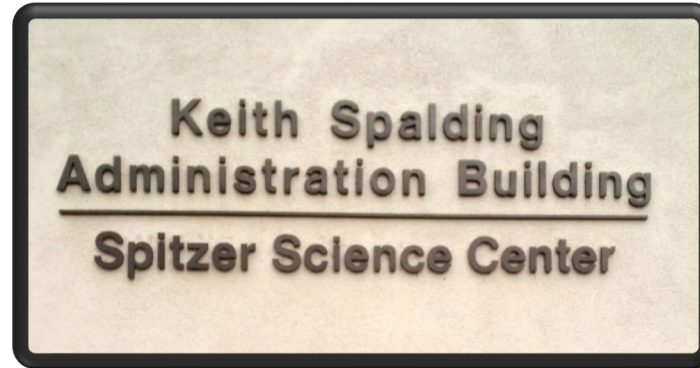
EHS Response to Incidents



Additional Resources

- Ergonomic Evaluations
- Hazardous Waste
- Shipping of hazardous materials (chemical, biological, radiological, Li batteries)
- Other resources available on EHS website:
safety@caltech.edu

We Want to Help You Stay Safe!



Environmental Health and Safety

(626) 395-6727

Keith Spalding

M-F 7am-4pm + 24/7 on-call

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