



**Grainger College of
Engineering**

Materials Research Laboratory

New MRL Off-Campus Researcher Orientation

Orientation Procedure for Off-Campus Researchers New to MRL

(if you've used instruments at MRL before, you don't need to complete this again)



Orientation: 2 Steps

(Details on Following Slides)

1. Complete UIUC [Division of Research Safety](#) online training and email certificates to [MRL](#)
 - Laboratory Safety Training
 - Chemical Management for Laboratories
 - COVID-19 Safety Training
2. Watch [MRL orientation presentation](#)

Step 1: DRS Safety Training

- Contact mrl-orientation@illinois.edu to request the creation of a DRS public account
- Complete the UIUC **D**ivision of **R**esearch **S**afety online training
 - Complete *Laboratory Safety Training, Parts 1 & 2*
 - Complete *Chemical Safety: An Introduction, Parts 1 & 2*
 - Complete *COVID-19 Safety Training*
- Provide certification of completion to MRL
 - Save each certificate after completing your online training
 - Email the certificate to mrl-orientation@illinois.edu

1: Go to drs.illinois.edu

Step 1: DRS Safety Training

I ILLINOIS

LOGIN

DIVISION OF RESEARCH SAFETY INCIDENTS PROGRAMS TRAINING WASTE LIBRARY POSTERS COVID-19



2: Click "Training"



Division of Research Safety

A unit of the Office of the Vice-Chancellor for Research and Innovation
University of Illinois

Promoting a culture of safety through the implementation and oversight of comprehensive safety programs, building partnerships, and providing key services.



Step 1: DRS Safety Training

3: Click on the training module.
You will repeat this step for other trainings.

I ILLINOIS

LOGIN

DIVISION OF RESEARCH SAFETY

INCIDENTS

PROGRAMS

TRAINING

WASTE

LIBRARY

POSTERS

COVID-19



What DRS Training Do I Need?

Safety Training Curriculum & Prerequisites

Training Records

Access Training Records & Print Certificates

Laboratory Safety

Laboratory Safety
Fire Extinguisher Training
Risk Assessment for Research Procedures

Chemical Safety

Chemical Safety: An Introduction
Hydrofluoric Acid Training
Compressed Gases and Cryogenics
Formaldehyde Safety

Biological Safety

Understanding Biosafety
Safe Handling of Human Cell Lines/Materials in a Research Laboratory
NIH Guidelines Overview
DURC Policy Overview

Radiation Safety

Radioactive Materials Safety Training
Analytical X-Ray Safety
Radiation Safety Awareness Training

Hazardous Material Transport

Awareness Training for the Transport of Hazardous Material
Transportation of Infectious Substances Category B

Non-Laboratory Personnel Safety Training

Hazard Communication (Right-to-know)
Occupational Exposure to Bloodborne Pathogens

Step 1: DRS Safety Training

LOGIN

UNIVERSITY USERS

I Login with NetID and Shibboleth

4: Type in the login credentials sent to you by DRS.

NON-UNIVERSITY USER



Login with Google Account



Login with Carle Hospital Account



Login with an OVCRl Public Profile

Step 1: DRS Safety Training

I ILLINOIS

Office of the Vice Chancellor for Research & Innovation

Welcome, Julie [Log Out](#)

My Training

Training Library >

My Projects

My Groups

CHEMICAL SAFETY: AN INTRODUCTION

by Division of Research Safety

5: Click on "Take Part 1 Online"
(Do both Part 1 and Part 2)

Take Part 1 Online

Overview

This online training was developed for laboratory personnel who handle chemicals on a laboratory scale. Part 1 introduces the different chemical classes, their associated hazards and recommendations for safe handling. Part 2 provides general advice for handling and transport and covers incompatibilities and proper chemical storage.

FOR: This online training is recommended for all University laboratory personnel who handle chemicals.

Takes approximately 90 minutes

Part	Completed	Name
1	Incomplete	Chemical Safety: An Introduction Part 1
2	Incomplete	Chemical Safety: An Introduction Part 2

This training remains valid indefinitely

Completion Summary

Step 1: DRS Safety Training



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LABORATORY SAFETY TRAINING

by Division of Research Safety

6: Click on "View Certificate"

[Part 1 Online](#) [View Certificate](#)

Overview

This online training provides information regarding standard laboratory safety guidelines, laboratory signs and labels, personal protective equipment, working with biological/chemical/radiological materials, waste disposal, and emergency preparedness.

Needs be taken prior to working with biological/chemical/radiological materials or within the first month of working in the laboratory.

This training is REQUIRED for all laboratory personnel (Principal Investigators, graduate students, post-docs, technicians, etc.) who work in University research laboratories.

Takes approximately 55 minutes

Part	Completed	Name	
1	04/03/2019	Laboratory Safety Training Part 1	Retake Part 1
2	04/15/2020	Laboratory Safety Training Part 2	Retake Part 2

Step 1: DRS Safety Training

7: You may “print” this certificate to save it, or you may

1. Take a screenshot
2. Paste this into Paint or a similar program

Training Certificate

Print

X

I
ILLINOIS

CERTIFICATE OF COMPLETION

Julie Ten Have

successfully completed

Laboratory Safety Training

on April 15, 2020
Date

Valid until April 15, 2023
Date
OFFICE OF THE VICE CHANCELLOR FOR RESEARCH

Step 1: DRS Safety Training

Complete 3 DRS safety trainings and save the certificates:

“Laboratory Safety Training”

“Chemical Safety: An Introduction”

“COVID-19 Safety Training”

<https://ovcrportal.research.illinois.edu/Training/Overview.aspx?TrainingId=67> (Lab Safety)

<https://ovcrportal.research.illinois.edu/Training/Overview.aspx?TrainingId=222> (Chemical Safety)

<https://ovcrportal.research.illinois.edu/Training/Overview.aspx?TrainingId=295> (COVID-19 Safety)

Step 1: DRS Safety Training

- Email your DRS safety training certificates to mrl-orientation@illinois.edu
- There are 3 required certificates:
 1. Laboratory Safety Training (2-part training)
 2. Chemical Safety: An Introduction (2-part training)
 3. COVID-19 Safety Training

If you will be using X-Ray, Laser, or Fab facility instrumentation, additional safety training is required; please contact mrl-orientation@illinois.edu for specifics

Step 2: Orientation Video

Watch the orientation presentation at

<http://go.illinois.edu/MRLOrientationvideo>

- *How to work safely and effectively* at MRL
- *How to sign up for training* and instrument time



Further Information

- mrl-orientation@illinois.edu
 - Questions about the orientation
 - Feedback on the process
- mrl-facilities@illinois.edu
 - Questions about your proposal status or your MRL user ID number
 - Questions about coming to campus