Office and Contact Information

Evanston: Tech NG-71, 847-491-5581
Chicago: Ward B-106, 312-503-8300
E-mail: researchsafety@northwestern.edu
Why does Northwestern need RS?

- Identify hazards
- Control risks
- Manage compliance
Regulatory Agencies

OSHA
CDC
NIH
DEPARTMENT OF TRANSPORTATION
U.S. NRC
FDA
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
IEMI
IATA
Evanston Fire Department
Chicago Fire Department
Consequences of Noncompliance

• Employee exposure to hazards

• Fines

• Loss of funding

• Legal consequences
Research Safety Programs

- Biological Safety
- Laboratory and Chemical Safety
- Radiation and Laser Safety
- Emergency Response
- Hazardous Waste Disposal
- Training
Biological Safety

Dr. Andrea Hall, Biological Safety Officer

Programs:

- Laboratory Safety Reviews
- Recombinant DNA registration
- Human gene transfer
- Bloodborne pathogens
- Infectious agents
- Biohazard waste
- BSL3 laboratories
- Select agents
- Biosecurity
Laboratory and Chemical Safety

Dr. Ben Williams  Chemical Hygiene Officer

Programs:

• Laboratory Safety Reviews
• Laboratory Safety and Chemical Hygiene Plan
• Lab design review
• General safe work practices
• Engineering controls
• Personal protective equipment
• Respiratory protection
• Safety equipment
• Hazardous processes
• Chemical Fume Hood Inspections
• Engineered nanoparticles
Radiation and Laser Safety

Program Areas:

Radiation Safety (Jose Macatangay)
- Training and Audits
- Radioactive material use authorization
- RAM inventory, accountability, receiving/shipping
- X-ray
- Irradiator Security

Laser Safety (TJ Whittenhall)
- Training and Audits
- Laser use authorization
- Laser Inventory
Emergency Response

- Hazmat response
- Spill kits
- Incident reporting
Hazardous Waste Disposal

Heritage Environmental Services

- Chemical waste
- Biological waste
- Radioactive waste

http://researchsafety.northwestern.edu/hazardous-waste/hazardous-waste-disposal-guide
Lumen

Send a request to researchsafety@northwestern.edu to be added to the system.
Safety Services from Other Depts.

Risk Management

• Fire safety, evacuation plans, workers compensation

Procurement and Payment Services

• Purchasing, compressed gases, dry ice and liquid nitrogen

University Police

• Personal safety, security threats and breaches
Visitors and Volunteers

• Safety regulations extend to visitors and volunteers

• Training required if the person will work unsupervised

• See Human Resources site

http://www.researchsafety.northwestern.edu/training/laboratory-visitors-volunteers
What Now?

I Want To

Resources
Common Documents and Job Aids
MORE

Safety Supply Catalog
Safety Supplies and More
MORE

Who Does What
University Services Available to You
MORE

- Dispose of laboratory equipment

http://www.researchsafety.northwestern.edu