

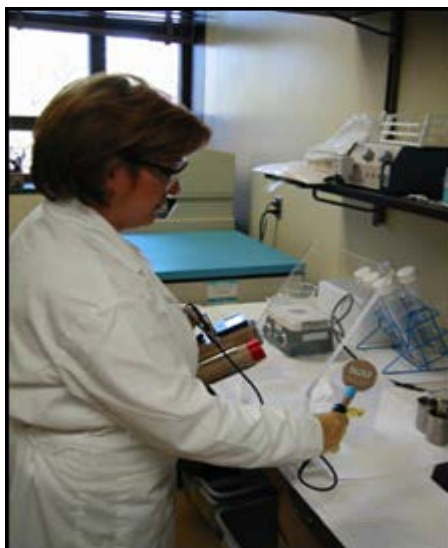
Radioactive Waste:

1. Radioactive waste from your lab is collected by the RSO.
2. Dry radioactive waste must be segregated by isotope.
3. Liquid radioactive waste must be separated by isotope.
4. Liquid scintillation vials must be collected separately.
5. Any "mixed waste" must be cleared with the RSO and labeled accordingly.



Useful Tips:

1. Do not eat or drink in the laboratory.
2. Always wear disposal gloves when handling RAM.
3. Wear a lab coat when working with RAM.
4. Use appropriate shielding.
5. Wash your hands frequently.
6. Use a fume hood when working with volatile material.
7. Check the working area for contamination after you finish.



Reminders:

1. Do not eat or drink in the lab.
2. Wear your film badge.
3. Wear disposable gloves.
4. Keep the RSO telephone # handy.
5. Label all radioactive vials.
6. Apply common sense.
7. Work diligently but do not rush.
8. Communicate any mishap with coworkers.
9. Report any unsafe conditions to RSO.



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RADIATION SAFETY @ Morningside, Lamont, Nevis & Barnard

Environmental Health & Safety



VISION STATEMENT

We provide expert guidance and timely service to the University Community through our commitment to health and safety.

Employing best practices and collaboration, and by building long term relationships, we promote a productive and safety conscious work environment.

www.ehs.columbia.edu

Morningside Campus Contact Number:
212-854-8749

RADIATION SAFETY

The Morningside Campus Radiation Safety Program includes Morningside, Lamont, Nevis and Barnard. The Medical Center has a separate program.

Radiation Safety Training:

Prior to working with radioactive material (RAM) or with a radiation producing machine, training must be received either in person or online. Thereafter an annual refresher course will be arranged by the Radiation Safety (RS) Office.

Radiation Film Badge Program:



Some applications using radiation require wearing a radiation film badge to monitor exposure. Please consult with the Radiation Safety Officer (RSO).

Radioactive Packages:

1. All radioactive packages are received at the RS Office.
2. The outside of the package is checked for contamination.
3. To pick up a RAM package, bring your ID (and do not wear gloves).

Instrument Calibration:

1. Always check the batteries before using the instrument.
2. The RSO will send your Geiger counter for calibration annually.
3. If the instrument needs repair, the RS Office will make arrangements.



In Case of a Spill:

1. Call the RS Office at (212)854-4442 to report any radioactive spill.
2. If the spill is on the floor avoid stepping into it.
3. To clean small spill, wear disposable gloves and clean the spill with absorbent paper from the outside inward.
4. Check your gloves frequently and change them if contaminated.
5. Use radioactive waste container to collect the waste.
6. Check the area for any residual contamination.

7. Wash your hands thoroughly and check your clothing and shoes for contamination.

In case of a major spill:

1. Do not panic.
2. Inform all personnel in the lab to leave the room.
3. Put a sign "Radiation Spill" to prevent entry into the room.
4. Call the RS Office and the lab supervisor.

