

Take 5 for Safety

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BROOKHAVEN
NATIONAL LABORATORY

a passion for discovery



Assessment Season

- Non-ionizing Radiation Assessment, week of June 16
- Ladder Fall Effectiveness Review, week of July 25
- Facility Risk Assessments and Effectiveness Review, week of August 28

Student Safety at BNL

- Most students at C-AD will be at Building 801
- BNL has developed a short slide show for students (examples attached)
- Slides are well done and link to a short video aimed at students
- Topics addressed can apply to users and new employees as well
- Contact Peter Cirnigliaro (x5636) to obtain a copy of the slide show

Am I Ready? Checklist

- Do I understand the task?
- Can I do the task safely?
- What error situations exist?
- What error reduction tools will I use?
- What can go wrong?
- What's the worst that can happen?
- What conditions stop this task?
- Am I qualified and ready to start work?
- Is my supervisor aware of what I am doing?
- Do I have the proper personal protective equipment?



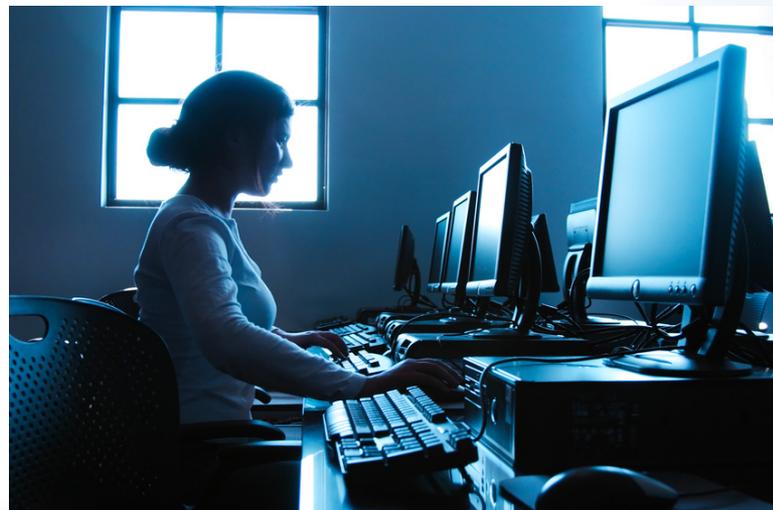
Barricades & Hazard Postings

- **Do not** lift or cross barricades (tapes, chains, saw horses, fencing, etc.).
- **Observe** hazard postings for high noise areas, radiation areas, and construction zones.
- **Training** is required for entry into certain areas.
- **Avoid** areas with “Wet Floor” placards; walk carefully when necessary.
- **Stay** out of construction areas.



Working Alone/After Hours

- Working alone (after 5 p.m. and on weekends) is strongly discouraged.
- If unavoidable:
 - **Obtain** Supervisor approval;
 - Determine if your Department requires supervision and/or a buddy system;
 - **Identify** special hazards;
 - **Plan** what to do in case of emergency;
 - **Ensure** that someone else in the area is aware of your laboratory activities.
 - **Contact** Lab Protection if you need assistance (x2222).



Personal Protective Equipment (PPE)

- **ALL** staff members, including students, are **required** to wear posted PPE, such as safety glasses, lab coats, long pants, and enclosed shoes.
- **Check** placards outside of your work area for Area-based PPE requirements.
- Follow the **Experimental Safety Review** requirements for Task-Specific PPE.

ACCEPTABLE	UNACCEPTABLE	WHY?
		Openings in front and back
 <i>Leather or plastic, no cloth fabric surfaces</i>		Openings in front and back
		Openings in front and back
		Heel too high and insufficient coverage in front
		Heel too high and not a closed toe

Driving at BNL

BNL observes NYS traffic laws:

- Obey the speed limit: **30 MPH.**
- Come to a **full** stop at stop signs.
- **Slow** down or for slow-moving vehicles (e.g., Kubotas, site maintenance vehicles).
- **Yield** to emergency vehicles.
- **Stop** for pedestrians in crosswalks.
- Use **hands-free** electronic devices.
- ***You could get a ticket for violations.***



Natural Hazards

- To avoid **ticks**, avoid grassy or wooded areas and wear protective clothing (i.e., long pants).
 - If you have a tick or suspicious rash, go to the Medicine Clinic (Bldg. 490).
- **Watch out** for wildlife, especially deer crossing when walking, bicycling, and driving.

