

Boyer Hall Facilities News

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January 2009

Hello All

2009 finds the newsletter returning on a somber note as a particularly bad laboratory fire marked the end of 2008. Tragically a young woman was seriously burned and recently died as a result of her injuries. I have reprinted the original news story (with permission) and I have dedicated this issue almost exclusively to safety.

Please take an opportunity to read and distribute this issue. While you will see the word compliance in the text of this newsletter, and it is a vital piece of the puzzle, the goal is also to make safety an intrinsic part of the daily culture.

This month's Lab Manager Meeting (Jan 30th 10:00 am) will focus on safety. In light of this recent tragedy attendance at this safety oriented meeting is required. Please let me know if your lab will not be able to attend, and I will make other arrangements to accommodate you.

We will be discussing building services as well, and new training requirements for liquid nitrogen and dry ice dispensing in the receiving area. You can also ensure your uninterrupted access to these services by attending the January meeting.

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Lab fire prompts campus-wide review of safety protocols

A laboratory accident that left a research assistant seriously burned has prompted UCLA administrators to embark on a thorough review of campus-wide safety measures to better prevent such accidents.

On Dec. 29 shortly before 3 p.m., a 22-year-old staff research assistant suffered second- and third-degree burns over 40 percent of her body during a fire in a lab in the Molecular Sciences Building. James Gibson, director of UCLA Environment, Health & Safety, said an investigation showed that the researcher was working with T-Butyl lithium, a highly flammable pyrophoric compound. She was extracting the compound with a syringe when the stopper on the syringe came undone and exposed the chemical to air, causing it to burst into flames.

A colleague in the lab put out the fire and helped the victim, who was rushed to [Ronald Reagan UCLA Medical Center](#). She was later transferred to the Grossman Burn Center in Sherman Oaks where she continues to be treated.

While “this kind of accident is very rare,” Gibson said, “whenever something like this happens, it makes us evaluate how we might be more effective in preventing these sorts of accidents.”

Another laboratory accident, also in Molecular Sciences, occurred just a week before. In that incident, a graduate student suffered minor injuries – lacerations and blistering to an arm – as a result of a small chemical explosion.

Gibson said that his team is conducting a top-to-bottom inspection of some 60 laboratories in Molecular Sciences as well as all laboratories in the Department of Chemistry.

“We’re also looking at radiation and biosafety, while all our divisions are looking at best practices,” including lab housekeeping practices and protocols for working with flammable substances.

For greater hands-on safety, additional training may be necessary, Gibson said. “In particular, we will look at increased training in good housekeeping procedures in the lab, proper use of equipment, and proper use of personal protective equipment such as eye protection such as safety glasses, goggles and face shields, as well as chemical aprons and other protective gear.”

Gibson said he and his team are also reviewing “the whole laboratory inspection program – from how the inspection results are communicated to how deficiencies are corrected.” His department is in the process of transitioning from a paper-based to an electronic-based inspection system, for greater efficiency and to better convey findings and recommendations for corrective actions.

Laboratory Safety Survey Checklist



The recent laboratory fire was a terrible accident, and also a reminder that we must be extremely vigilant when it comes to safety. This is certainly an appropriate time for all of us to examine our protocols and compliance with University policies and procedures. I previously distributed (in e-mail) the EH&S Lab Safety Survey Checklist. This is the tool used by EH&S inspectors to measure a laboratory's compliance with established regulations. If you have trouble locating the e-mail with the attachment, please let me know and I will provide you with a new electronic copy.

I would recommend distributing this to all lab members, and enlisting their support in ensuring that each lab is in compliance.



On-Line Training

UCLA's Environmental Health and Safety has on-line training available. While this training certainly won't meet all of your training needs, it is a good orientation. It also allows your lab members to print certificates after they complete the training (you can place these in your Bruin Safety Book). Some of the available modules are:

- Bruin Safety Program
- Fire Safety
- Earthquake Safety
- Safe Lifting
- Hazard Communication
- Laboratory Safety Training
- Fire Diamond
- Cryogenic Nitrogen Safety
- Chemical Fume Hood
- Bloodborne Pathogen Refresher

Go to <http://www.training.ucla.edu/register/> and Log In to get access. The modules are usually around 20 minutes, and can be taken at your desk

SAFETY & COMPLIANCE OVERVIEW

Type of Training	Frequency Required	Source of Training
Hazardous Chemical Waste Training	Initially and annually thereafter	EH&S Ext. #45328
Medical Waste Management Training	Initially and every 3 years	EH&S Ext. #45328
Biohazard Material Shipment Training	Initially and every 2 years	EH&S Ext. #45328
Radiation Safety Training	Initially and 3 hours of CE annually	Radiation Safety Ext.#56995
Respiratory mask Fitting/Training	Initially and annually.	EH&S Ext. #45328
Biological Safety Cabinet (BSC) Training	Initially (one time only)	EH&S Ext. #45328
Biosafety training	Initially and every 3 years	EH&S Ext. #45328
Laser Safety Training: Class 3b and 4 lasers only.	Initially and every 3 years	EH&S Ext. #45328

Please confirm these requirements with EH&S as the regulations may change.

UCLA Safety Links

Industrial Hygiene

- ▶ [Accident Investigation Report](#)
- ▶ [Dept. IIPP Coordinator](#)
- ▶ [Employee Safety Recommendation](#)
- ▶ [Lab Safety Inspection Checklist](#)
- ▶ [Lab Safety Inspection Checklist 2](#)
- ▶ [Office Safety Inspection Checklist](#)
- ▶ [Office Safety Inspection Checklist 2](#)
- ▶ [Safety Meeting Agenda](#) ▶

Training

- ▶ [Training Documentation Form](#)
- ▶ [Safety Video Library](#)
- ▶ [CPR First Aid Enrollment Form](#)

Manuals (PDF) General

- ▶ [Campus Emergency Response Plan](#)
- ▶ [EHS Employee Handbook](#)

Industrial Hygiene

- ▶ [Bruin Safety Program](#)
- ▶ [Laser Safety](#)
- ▶ [School of Engineering Lab Safety](#)
- ▶ [School of Medicine Lab Safety](#)
- ▶ [Shop Safety Program](#)

Radiation Safety

- ▶ [Radiation Safety Manual](#)

Trouble Call?

What is a trouble call? A trouble call may be placed for any of the following issues: Problems with room temperature, leaky faucet, serious leaks, drainage problems, electrical problems that are at the outlet or breaker but not related to equipment repair, lock problems, or doors that won't close, replace light bulbs (except in Bio-Safety Cabinets or cold rooms). Whom do I report it to? The majority of trouble calls here at Boyer Hall are placed by Shawn Lockard (slockard@mednet.ucla.edu), e-mail is always preferred, but you can also call his extension -Ext # 58887. If he is not available call the UCLA Trouble Desk at -Ext # 59236, tell them the problem, the room, your name and extension, and ask for a work order number. If you call the trouble desk yourself, please e-mail Shawn Lockard and let him know, so he can assist you in assuring that the work is completed in a timely fashion.

FEBRUARY EVENTS

UCLA CAMPUS HOLIDAY
PRESIDENTS DAY FEBRUARY 16TH

MBI LAB MANAGER MEETING
PLACE: MBI- ROOM # 159
DATE: FEBRUARY 27TH 2007
TIME: 10:00

BOYER DOCK HOURS
PLACE: BOYER DOCK
DATE: MONDAY - FRIDAY
TIME: 7:00AM 4:00PM

CHEMICAL WASTE PICK-UP
PLACE: OHRC DOCK
DATE: EVERY MONDAY
TIME: 10:30-11:00

RADIOACTIVE WASTE PICK-UP
PLACE: BOYER DOCK
DATE: EVERY WEDNESDAY
TIME: 9:00 -9:30AM




- **There will be a Lab Manager Meeting on January 30th at 10:00 in Boyer Hall Room #130. Safety will be discussed.**
- By attending Lab Manager Meetings, representatives ensure that their labs are informed, and that their voice is heard on issues that are important to them.
- There will be a new requirement beginning in the third week of February- All individuals dispensing liquid nitrogen from room #130 will be required to have a form signed by their PI that indicates they have received training in liquid nitrogen safety.
- Reminder- If you have not turned in a Lab Occupancy Sheet for the current month- no keys will be issued to your lab
- We will be sponsoring an E-Waste day in late February. This means that you will be able to dispose of computers, monitors, and other peripherals free of charge.

Please attend the January Lab Manager Meeting for more information.

- We are asking that all labs remove non-business material posted outside of their labs. Postings on the inside of windows are acceptable. Postings on cabinets, walls and doors outside of the lab that are non-business in nature and will need to be removed.

Thank you in advance for your cooperation.

February 2009						
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15	16 	17	18	19	20	21
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