



September is Campus Fire Safety Month!



Resident Assistants were taught how to put out stovetop kitchen fires.

Campus Fire Safety Month has been recognized each September since 2005, as a method to raise the level of fire safety awareness to students and parents. Most on-campus residential fires occur during the month of September, making September the logical choice for Campus Fire Safety Month.

As students orient themselves to their new lives living on a college campus, they are faced with many challenges academically and socially. Fire safety is often an item that is furthest from their minds as they settle into the residence halls, sorority/fraternity houses or off campus housing.

This effort starts during the Fall Semester each year with the Annual RA Safety Training night which is held during August. RA Safety Night is a combined effort with volunteers from DE State Fire School, Aetna Fire Department, UD Police, and members of the State and Newark Fire Marshal Offices.

These volunteers set up 4 safety training modules for 200 Residence Assistants to gain hands-on training with fire extinguishers, learning how to navigate down a smoke filled dormitory corridor, controlling cooking fires by putting a lid on pan fires, safety/security training and identification of prohibitive items in a dorm room mock-up.

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September is Campus Fire Safety Month continued...

Fire drills in all residence halls and apartments are performed during the month of September as a means to familiarize the residents with fire safety and alarm systems along with the building exits and meeting place.

The sorority and fraternity houses are given on-site fire safety and extinguisher training in a joint effort with the City of Newark Building and Fire Officials and EHS Fire Safety. This training is followed up by fire safety surveys of these houses later in the month.

While fire safety is practiced year round at UD, the fall semester is the catalyst of campus fire safety awareness and promotion. EHS Fire Safety staff recognizes this big challenge each year, and readily accepts it as a labor of love. Spreading the word on being safe in our residence halls, laboratories and academic buildings during the month of September is an important fresh start for the academic calendar year. September's Campus Fire Safety Month is now, and for the foreseeable future, will be an annual ritual here at UD.



(above) Sorority members from XI Delta were taught to put out a fire by UD Fire Marshall Kevin McSweeney.



Aetna Station 9 Tiller



A Resident Assistant learn how to use a fire extinguisher.

What is a Green Roof?

Have you spotted any green roofs on campus?

A **green roof or living roof** is a roof that is partially or completely covered with vegetation that can consist of a variety of plants and may include a drainage system or even an irrigation system.

Green roofs serve several purposes for a building:

- Absorb rainwater to reduce stormwater runoff.
- Provide insulation to modulate interior climate control, and to be aesthetically pleasing.
- They effectively utilize the natural functions of plants to filter water and treat air in urban and suburban landscapes.

There are generally two types of green roof:

1. Intensive roofs: are thicker, and can support a wider variety of plants but are heavier and require more maintenance.
2. Extensive roofs: are shallow, lighter than intensive green roofs, and require minimal maintenance.

Do you know where the two types of green roofs are located on campus?

The new Caesar Rodney complex on Academy Street has an intensive green roof over the dining hall. This green roof manages stormwater, helps with building climate control, and looks magnificent!



Above is a picture of the Caesar Rodney green roof.

Lessons Learned

Lab Safety Alert: Waste Cross-Contamination



A recent incident on campus has been traced to a chemical reaction between incompatible waste chemicals.

After pouring 70% nitric acid into an empty Justrite waste container, a student detected a strong odor in the lab and found the waste container lid had popped open, emitting a brown fume.

The lab was evacuated and after the odor dissipated, the waste container was moved to a fume hood and EHS was contacted for disposal.

A subsequent investigation concluded that the waste container previously held a flammable organic material and residue from this chemical reacted with the nitric acid.

The affected department has since labeled its waste containers for exclusive use for acid, base, and flammable organic waste and has dedicated waste containers for nitric acid use only.

The University of Delaware does not allow labs to reuse chemical bottles for chemical waste in part because of the danger of cross contamination.

Make sure you store your corrosive waste streams in a self-venting container to prevent gas build up.

We also recommend dedicating waste containers to acid, base, and organic material to prevent accidental cross-contamination.

Please contact Brian Miani at 831-8475 if you have questions or require assistance regarding chemical usage and waste disposal.

EHS Staffing News

There have been several staffing changes in EHS in the last several months...

Arman Fardanesh, the Biosafety Specialist, left UD in June to take a job in the pharmaceutical industry.

At the end of July **Jane Frank**, our Chemical Hygiene Officer, left the department to take a position as a Lab Coordinator in Biomedical Engineering.

Our fire safety intern, **Brian Keszler**, left the beginning of September to take a full-time position at PSE&G.

We wish them all the best in their new positions!

New EHS Employee

Please join us in welcoming Darryl Wilson to the Blue Hen Community!

In August, we were happy to welcome **Darryl Wilson** as our new Biosafety Specialist.

Darryl joins us after recently leaving the US Army following over 7 years of service.

He has a background in nuclear, biological, chemical, and radiological operations.

Darryl will be managing the bloodborne pathogens program, infectious waste, autoclave and laminar flow equipment programs.



Interested in becoming certified in CPR/AED?

The Environmental Health & Safety Dept. offers public classes two times a month!



Our classes are accredited through the American Heart Association!

We offer two types of classes: Heartsaver AED and Healthcare Provider.

Healthcare Provider Description:

This course is for healthcare professionals who need to know how to perform CPR, as well as other life-saving skills, in a wide variety of in-hospital and out-of-hospital settings.

Heartsaver Description:

This course is for anyone with limited or no medical training who needs a course completion card in CPR and AED use to meet job, regulatory or other requirements.

For a full list of class dates and times for the 2015 calendar year follow this link provided.

*2016 calendar year dates will be announced soon.

<http://www.udel.edu/ehs/training/cpr-class-registration.html>

Please note: Our classes book several months in advance and registration is required.

Workstation Ergonomics Training

Monthly workstation Ergonomics trainings are now being offered through the Environmental Health & Safety Office.

This course focuses on the principles of applied Ergonomics at the computer workstation, including the identification of risk factors and proper workstation adjustments.

The training is one hour and held in the General Services Building, Room 130.

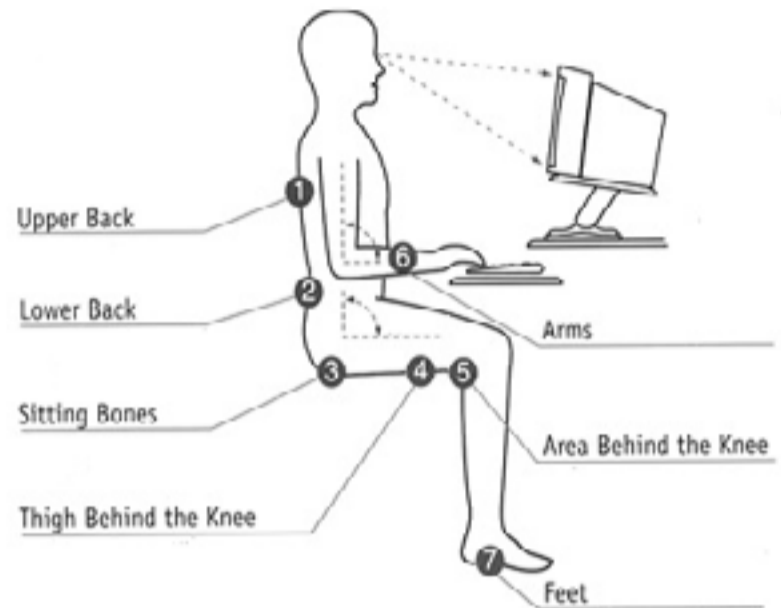
Upcoming training dates are:
October 14 at 1:00pm
November 11 at 12:00pm
December 9 and 1:00pm

You can register for Ergonomics training at <http://www.udel.edu/connectingu>

In addition to the monthly training, EHS also provides on-on-one ergonomic evaluations.

For more information on an evaluation, please contact our department at dehsafety@udel.edu or email Ann Woodall at woodall@udel.edu.

How well does your chair support the following areas?



EHS would like to hear from you!

We encourage all members of the UD community to submit safety improvement ideas on campus.

You may submit ideas that impact your personal safety here on campus or the safety of the greater Community.

Your participation will help raise safety awareness in our community!

Please submit your safety concerns/ideas via email to dehsafety@UDel.Edu.

