

## Environmental Health & Safety

# Safety BEACON

www.udel.edu/ehs  
302-831-8475

### To fly your drone on campus, *It's as easy as 1-2-3!*

#### 1. Understand campus flying requirements

- o Visit the FAA's website to learn about [recreational](#) and [commercial](#) flight requirements.
- o Visit the University's Unmanned Aircraft System (Drone) [page](#) for information on campus rules and to learn how to get approved to fly at UD.
- o Download the [FAA's B4UFLY](#) mobile app for more resources and for real time updates



#### 2. Take the TRUST test or obtain your CFR Part 107

- o If flying for class/recreationally, you must take the free online TRUST test through any FAA approved [test administrator](#).
- o If flying for profit/professionally, you must take the CFR Part 107 Knowledge Test at an FAA approved [Knowledge Testing Center](#).



#### 3. Get certified and start flying

- o After you pass the test, you will receive a certificate from the test administrator you selected. Remember to include a copy of your certificate with your [flight application](#) and to also keep a copy with you while flying.
- o Submit your flight application to Campus and Public Safety and begin flying!

Note: If your drone weighs more than .55 pounds (lbs.), you must also register your drone through the [FAA's Drone Zone](#).

## **EHS Welcome Wagon**

*Biosafety Specialist- Faith Belleavoine*



Hi all!

My name is Faith Belleavoine. I am the new Biosafety Specialist for the Environmental Health and Safety department here on campus. I will be running the University's bloodborne pathogen program, coming to visit the lab areas for inspections and helping with our infectious waste program.

Outside of work, you can find me hiking, snowboarding, or coming up with a new DIY project. You might even catch me at the Blue Hens Homecoming 5k in October.

Let's have a fun and safe fall semester!

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## **UV Eye Protection**

*Protect those peepers!*

Cataracts are a form of eye damage in which a loss of transparency in the lens of the eye clouds vision. If left untreated, cataracts can lead to blindness. Research has shown that UV radiation increases the likelihood of certain cataracts. Although curable with modern eye surgery, cataracts diminish the eyesight of millions of Americans and cost billions of dollars in medical care each year.

Other kinds of eye damage include pterygium (tissue growth that can block vision), skin cancer around the eyes, and degeneration of the macula (the part of the retina where visual perception is most acute). All of these problems can be lessened with proper eye protection. Wear sunglasses that offer 99 to 100 percent UV protection.

Most weather apps will provide the UV index for your location. When the index is 0-2 (low) no UV protection is generally needed. When the index is 3-7 (moderate to high) wearing sunglasses is recommended. When the index is 8 or higher (very high to extreme), wear sunglasses and limit time outdoors during the late morning through mid-afternoon when possible. The UV index may be high even on cloudy days. Make it a practice to check the UV index anytime you plan to go outdoors!

Don't forget to protect your skin too by wearing protective clothing and a wide-brimmed hat, and generously applying a minimum of SPF-15, broad-spectrum sunscreen on exposed skin.

Source: [www.epa.gov/sunsafety](http://www.epa.gov/sunsafety)

## Attention: UD Community

*Here is how you can improve the water quality in our local streams*

### The effects of stormwater runoff and pollution:

- Reduce, re-use and recycle! This will minimize the amount of trash on campus.
- Place trash in the trash can and place recyclables in the recycle bin. Litter gets carried away in stormwater runoff and causes pollution to our local waterways. Unlike the sewer system, stormwater runoff does not get treated before being discharged into the White Clay Creek or Christina River which are the creeks within the UD campus watersheds.
- Keep dumpster lids closed. Rainwater entering dumpsters can leak out and carry pollutants to the nearest storm drain and local creeks.
- Stay on the designated sidewalks and walkways. This will reduce the amount of exposed soil from student-made paths. This soil contributes to the amount of sediment that reaches our streams. Soil is considered pollution when it runs off to a creek, causing problems with fish, aquatic vegetation, and other creatures in the stream.
- Report spills and leaks. Report any spills or leaks that you observe on University property to Environmental Health and Safety at 302-831-8475 during working hours or to UD Public Safety at 302-831-2224 after working hours.

For more information, please see the University of Delaware's Stormwater webpage:

<https://www1.udel.edu/ehs/environmental/stormwater-management.html>



Look for this medallion on UD storm drains as a reminder for "No Dumping"



## Campus Fire Safety Month

*Welcome back to the Fall Semester*



Welcome back to campus for all our new students and residents; and welcome back to staff and faculty that have been working alternate and work from home schedules. Using the backdrop of the nationwide recognition of Campus Fire Safety Month during the month of September, The Fire Safety Team at EHS extends a warm welcome to students, faculty and staff. The team continues to work hard by keeping eyes on all 466 of University buildings in an effort to prevent fire on campus. With a staff of three full-time employees and one miscellaneous employee, the Fire Protection Team is actively involved with plan reviews and inspections of new construction and renovations; fire prevention/extinguisher training for Residence Life RA's, Graduate Assistants and researchers. As well as conducting fire drills throughout the year at Residence Halls, Public Assemblies, and Academic Buildings. EHS assists with crowd management for major events throughout the year, including commencement, concerts at BCC, Coast Day and football games. Maintaining the highest level of fire safety and code compliance remains a perpetual goal of our team.

### UD Fire Safety Plan

The campus fire safety plan was published to provide the campus population standardization when it came to fires and other emergency responses. The Campus Fire Safety Plan addresses fire reaction plans. This includes reporting all fires large or small to UDPD at 9-1-1 or 302-831-2222; sounding the fire alarm with the manual fire alarm pull station; immediately evacuating the building at the nearest exit when a fire alarm is sounded, gathering away from the building at a distance no less than 200 feet and guidance for occupants with disabilities to take refuge on upper floors in designated areas or stairwell landings. Along with proper fire reaction procedures, the plan covers other areas including fire extinguishers, basic fire code compliance, fire drills, prohibited items, tent permits and open flame/hot-work permits. This year, an influx of motorized skate boards and scooters have arrived on campus. There is much concern regarding where these motorized units are parked, but even more so regarding where they're being charged. Since there isn't a means to identify scooters and skateboards that have Underwriters Laboratory (UL) approval, the conservative approach is to prohibit charging inside UD residence halls. The frequency of scooter/skateboard fires in New York City has risen so rapidly, that those items are now banned for use in NYC.

[UD Hoverboard/Scooter Policy](#)

### Use of Fire Extinguishers

The plan covers when to use a fire extinguisher. The EHS Fire Safety Team oversees the inspection of over 4000 fire extinguishers on campus. The fire extinguishers are distributed throughout the buildings at prescribed distances for the type of location. The first step is always report the fire at 9-1-1 or 302-831-2222 (cell phone) before attempting to put out the fire. Initiation of the fire alarm is in order to ensure the safety of occupants. Be sure the fire isn't too large to attempt to extinguish, and be sure you have a safe passage to escape. The EHS Fire Safety Team offers monthly fire extinguisher training classes at the General Services Building or can schedule training at the worksite by emailing [fire-safe@udel.edu](mailto:fire-safe@udel.edu).

## Basic Code Compliance

During our building fire safety assessments and when contacted regarding a complaint of a code violation on campus, the EHS Fire Safety Team evaluates the occupant/users' management of exits, egress corridors and stairwells to assure a clear path to safety is maintained. Excessive storage and housekeeping practices and not maintaining 18" clearance around sprinklers are a few of the common code violations observed. Instead of using code references of the national, state and municipal authorities, the Campus Fire Safety Plan has the code language already built in and provides interested parties with the ability to see the code reference at the local/campus level. Within the Campus Fire Safety Plan are links to the fire drill frequency for the various use groups on campus, guidance with electrical safety, and purchases of goods with UL listings. Open Flame Permits and Hot Work Permit guidance are included, as is the Space Heater Policy, Tent Permit guidance and information regarding Authorized Cooking areas. One serious trend that developed last academic year was the occurrence of false alarms due to reported use of "hair products". Items such as hair dryers, hair spray, curling irons and, believe it or not, perfume (not), were claimed. One of the locations had 16 fire alarms last year; no property has ever had that many false alarms at UD. EHS has been working closely with the Office of Student Conduct (OSC) to report unusual rates of alarms due to negligent student behavior.

## New Construction

The pace of new construction is returning to pre-COVID-19 days and the fire protection team is attending project meetings on a regular basis throughout the week. New projects on the horizon include Building X (Old McKinly Site) new construction, Drake Lab addition and renovation, UDairy Ice Cream Production within WorriLow, Spencer Design Studio -Maker Space, Fintech Fit-out on Star Campus, and the early stages of Pencader Dining Hall Renovation. The fire group reviews all phases of projects, attends project meetings, and performs progress and final acceptance inspections until full certificate of installation is awarded.

The Campus Fire Safety Plan is a living document that is subject to change over time. As national, state and municipal codes and standards are modified with a 3-year cycle, the EHS Fire Safety Team will ensure that the UD plan is refreshed and accurate. It is our goal to assure the buildings we live and work in are of the highest standard in regards to fire and life safety.

Any suggestions or comments are welcomed at [fire-safe@udel.edu](mailto:fire-safe@udel.edu). Be Safe!

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## Environmental Health and Safety 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](mailto:dehsafety@udel.edu)

