

September 2017 Volume 11, Issue 5

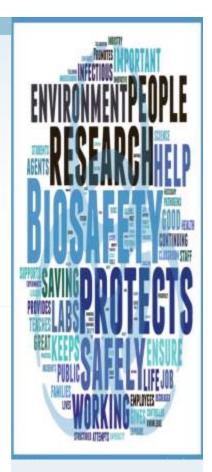


Avoid Oversight Committee Hang Ups!



If your laboratory conducts research which requires approval by the **Institutional Biosafety Committee (IBC)**, it's also possible your research involves approval by the **Institutional Review Board (IRB)**, in the case of patient specimens, or the **Institutional Animal Care and Use Committee (IACUC)** in the case of animal work. While it's possible to have concurrent reviews by these committees for the same research protocol, you should be aware that <u>IBC approval is required</u> *before* the IRB or IACUC may issue their approval.

While there is coordination between the IBC and IACUC/IRB committee administration teams, they cannot modify your applications for you and can only advise you once your protocols are submitted for review. Inconvenient delays of approval from numerous modification requests can be avoided by being sure to include all IRB or IACUC work involving biohazards on your IBC registration.

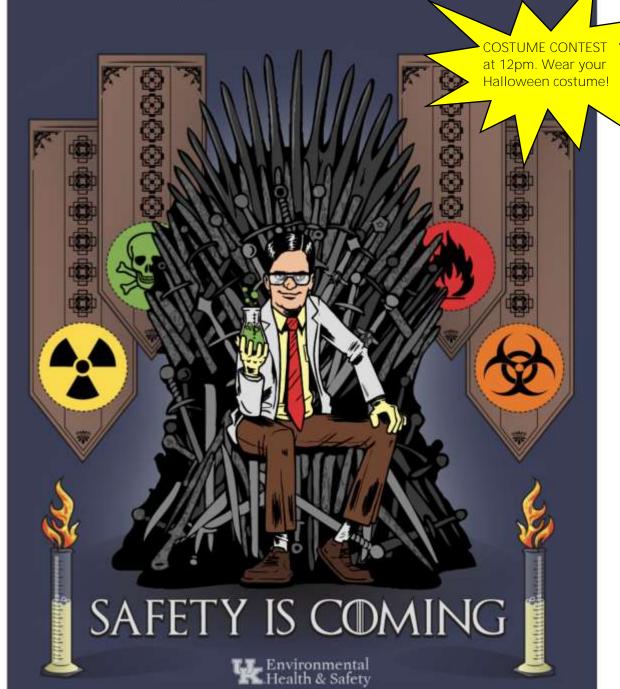


Inside this issue

- Oversight Committees
- Laminar Flow Devices
- Lab Safety Fair
- Better Bio Awards
- Biosafety Reminder



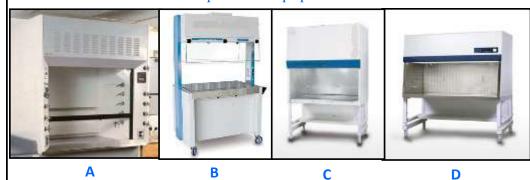
TUESDAY, OCTOBER 3I IOAM-2PM BBSRB ATRIUM



FOR MORE INFORMATION, MAP AND BUS ROUTES, PLEASE VISIT: http://ehs.uky.edu/

POP QUIZ:

Based upon appearance, can you tell the difference between the following 4 pieces of equipment?



If you said "no", you are not alone. All of these types of equipment pictured use laminar (air flow) technology as a basis for protecting the user, the product or the environment. It is imperative that you know which type of equipment you are utilizing and for which types of procedures they are appropriate.

Different manufacturers, models, and years of make can add subtle differences to the appearance of these items. Each piece of equipment has particular specifications, different methods of exhaust and are designed only for their intended purposes. Utilizing the wrong equipment for your procedures can put you and your coworkers at risk for injury or illness. If you aren't sure what type of equipment you are using, ask someone.

BE KNOWLEDGEABLE & BE SAFE

A) CHEMICAL FUME HOOD:

A fume hood is designed to prevent a person's exposure to flammable, toxic, or odorous fumes from chemicals. Fume hoods exhaust 100% of the air within them to the outside of the building. When used appropriately, chemical fume hoods not only provide protection from toxic gases and vapors but can also provide protection from unanticipated fires and explosions.

B) ANIMAL TRANSFER STATION:

Found in DLAR, this equipment is designed to decrease particulates such as allergens and dust that are generated during cage changing and small animal transfer. These units utilize HEPA filtration and exhaust clean air back into room. Animal Transfer Stations are not designed to contain biohazardous or infectious materials or aerosols generated from work with these materials.

C) BIOLOGICAL SAFETY CABINET:

These are the most variable of all the types of equipment detailed here. BSCs are designed for containment of infectious or biohazardous materials. Exhaust is HEPA filtered and, depending on the type and class of BSC, is recirculated and vented back into the room or partially or fully exhausted outside of the building

D) CLEAN BENCH:

Clean benches are designed solely for protection of the product and supplies HEPA filtered particulate-free air when working with sensitive materials. These offer no protection to the user or environment and no hazardous materials should be used within them.



The Dept. of Biological
Safety would like to
thank the following labs
for setting a shining
example of lab
housekeeping and
maintenance.
Well done!

Kim, K (TODD)

Shaffer, C (Gluck)

Hoffor D, R (BBSRB)

Santollo, J (THM)

Spear, B (combs)

Virus Patterns

Click on the image below for an interactive presentation on viruses.

Link: viruspatterns.com



Biosafety Reminder:

PPE, including lab coats and gloves should not be worn outside of the laboratory! Please remove these items before entering public areas and corridors.

In addition, research materials, animals and research carts should be transported between floors utilizing the service elevators. Do not use elevators meant for the general public.





Department of Biological Safety

505 Oldham Court Lexington, Kentucky 40502

Fax: 859-323-3838

E-mail: biosafety@uky.edu

Brandy Nelson.....859-257-1049 Biological Safety Officer

Holley Trucks......859-257-8655

Asst. Biological Safety Officer

Eric Rouse......859-323-5728

Sr. Biological Safety Specialist

Delena Mazzetti859-257-1073 Sr. Biological Safety Specialist As part of the Division of Environmental Health & Safety, the Department of Biological Safety is responsible for programs concerning the safe use of recombinant and synthetic nucleic acids, infectious agents, and potentially infectious materials such as human sourced materials in the research and teaching laboratories at the University of Kentucky. This includes training, consulting with auditing. and researchers, laboratory personnel and teaching staff concerning compliance with the federal and state laws and regulations in these areas.

Visit us on the web! http://ehs.uky.edu/biosafety/