



Recently, in order to determine trends in laboratory biosafety here at University of Kentucky, the UK Dept. of Biological Safety recently reviewed observations noted from laboratory audits and building walkthroughs conducted by our department in 2012. Surprisingly, the most commonly noted observation was the lack of paper towels and/or soap at the sinks within laboratories!

Proper hand hygiene, in particular proper and frequent hand washing, is the leading preventative measure against laboratory-acquired infections. Standard Microbiological Practices dictate proper hand hygiene by washing hands after work and before leaving the laboratory. To ensure this practice is adequately performed by laboratorians, sinks should be supplied with germicidal soap and paper towels at all times.

### Procedure for proper hand hygiene

- ♦ Wet hands with warm water before applying soap.
- ♦ Wash hands using a good technique. (Sing "Happy Birthday" twice.)
- ♦ Rinse and dry hands thoroughly.
- ♦ Cover all cuts and abrasions with waterproof bandages.
- ♦ Keep fingernails short and clean.
- ♦ Keep jewelry worn to a minimum.
- ♦ Always wash hands after removal of gloves.
- ♦ Use a water-based hand lotion compatible with your gloves.
- ♦ Use waterless hand sanitizer as an alternative.

For additional info, please visit: [http://ehs.uky.edu/docs/pdf/bio\\_le\\_hand\\_hygiene\\_0001.pdf](http://ehs.uky.edu/docs/pdf/bio_le_hand_hygiene_0001.pdf)

### TOPAZ tips



### Biosafety Protocols

*For registration with the  
Institutional Biosafety Committee (IBC)*

[http://ehs.uky.edu/docs/pdf/bio\\_ibc\\_registration\\_0001.pdf](http://ehs.uky.edu/docs/pdf/bio_ibc_registration_0001.pdf)

The required field in the Registration Form for Project Summaries (Section 8 "Summary Statement") must not be completed by attachment of documents to this area on the form. To do so prevents the tracking feature within the TOPAZ system from being able to detect changes. The attachment capability is enabled solely for the inclusion of supplementary documents such as pictures, SOPs and permits.

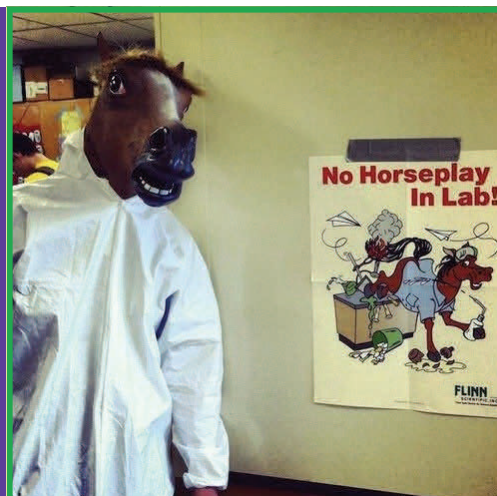
Project Summary text must be directly added to the Summary Statement area. For ease, users may copy (Ctrl+C) and paste (Ctrl+V) text from other documents into this area of the Registration form.

<b>ADMITTANCE TO AUTHORIZED PERSONNEL ONLY</b>	
<p><b>CAUTION:</b> The following hazards are present within this area:</p>	
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p><input type="checkbox"/> <b>Flammable</b></p> <p><input type="checkbox"/> <b>Explosive</b></p> <p><input type="checkbox"/> <b>Corrosive</b></p> <p><input type="checkbox"/> <b>Toxic</b></p> <p><input type="checkbox"/> <b>Biohazard</b></p> <p><input type="checkbox"/> <b>Radioactive</b></p> <p><input type="checkbox"/> <b>Volatile</b></p> <p><input type="checkbox"/> <b>Oxidizing</b></p> <p><input type="checkbox"/> <b>Irritant</b></p> <p><input type="checkbox"/> <b>Asphyxiant</b></p> <p><input type="checkbox"/> <b>Other</b></p> </div> <div style="width: 50%;"> <p><input type="checkbox"/> <b>Flammable</b></p> <p><input type="checkbox"/> <b>Explosive</b></p> <p><input type="checkbox"/> <b>Corrosive</b></p> <p><input type="checkbox"/> <b>Toxic</b></p> <p><input type="checkbox"/> <b>Biohazard</b></p> <p><input type="checkbox"/> <b>Radioactive</b></p> <p><input type="checkbox"/> <b>Volatile</b></p> <p><input type="checkbox"/> <b>Oxidizing</b></p> <p><input type="checkbox"/> <b>Irritant</b></p> <p><input type="checkbox"/> <b>Asphyxiant</b></p> <p><input type="checkbox"/> <b>Other</b></p> </div> </div>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p><input type="checkbox"/> <b>Flammable</b></p> <p><input type="checkbox"/> <b>Explosive</b></p> <p><input type="checkbox"/> <b>Corrosive</b></p> <p><input type="checkbox"/> <b>Toxic</b></p> <p><input type="checkbox"/> <b>Biohazard</b></p> <p><input type="checkbox"/> <b>Radioactive</b></p> <p><input type="checkbox"/> <b>Volatile</b></p> <p><input type="checkbox"/> <b>Oxidizing</b></p> <p><input type="checkbox"/> <b>Irritant</b></p> <p><input type="checkbox"/> <b>Asphyxiant</b></p> <p><input type="checkbox"/> <b>Other</b></p> </div> <div style="width: 50%;"> <p><input type="checkbox"/> <b>Flammable</b></p> <p><input type="checkbox"/> <b>Explosive</b></p> <p><input type="checkbox"/> <b>Corrosive</b></p> <p><input type="checkbox"/> <b>Toxic</b></p> <p><input type="checkbox"/> <b>Biohazard</b></p> <p><input type="checkbox"/> <b>Radioactive</b></p> <p><input type="checkbox"/> <b>Volatile</b></p> <p><input type="checkbox"/> <b>Oxidizing</b></p> <p><input type="checkbox"/> <b>Irritant</b></p> <p><input type="checkbox"/> <b>Asphyxiant</b></p> <p><input type="checkbox"/> <b>Other</b></p> </div> </div>
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## Does your lab door have proper signage?

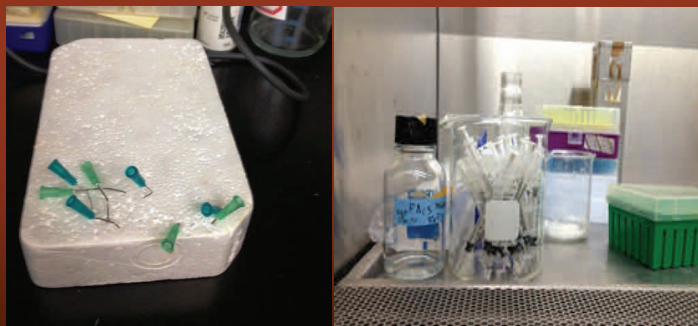
For a fillable template, please visit :

[http://ehs.uky.edu/docs/pdf/bio\\_s\\_lab\\_signage\\_0001.pdf](http://ehs.uky.edu/docs/pdf/bio_s_lab_signage_0001.pdf)



## Biosafety Reminders:

Used sharps should be collected in a puncture-resistant, leak-proof sharps container labeled with the universal biohazard symbol. When the container is no more than  $\frac{3}{4}$  full, make sure the lid of the container is secured and arrange for pickup via E-trax ([http://ehs.uky.edu/env/waste\\_pick-up.php](http://ehs.uky.edu/env/waste_pick-up.php)). In Med Science, HSRB, Combs, Whitney Hendrickson, Roach & Gill Heart buildings, housekeeping staff will collect. At no time should used sharps containers be placed in hallways or corridors for collection.



### What not to do: improperly accumulated sharps



University of Kentucky

## Department of Biological Safety

As part of the Division of Environmental Health & Safety, the Department of Biological Safety is responsible for programs concerning the safe use of recombinant DNA, 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, auditing, and consulting with researchers, laboratory personnel and teaching staff concerning compliance with the federal and state laws and regulations in these areas.

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**Visit us on the web!**

**<http://ehs.uky.edu/ehs/biosafety/>**