

BIOHAZARD DOOR POSTINGS

(For assistance, please contact EHS at (402) 472-4925, or visit our web site at <http://ehs.unl.edu/>)

Scope

This SOP applies to all work at UNL that is subject to the UNL Biosafety Guidelines. The content of this SOP is based on signage and labeling requirements established by the following standards:

- ¹*NIH Guidelines for Research Involving Recombinant DNA Molecules (NIH Guidelines)*, National Institutes of Health
- ²*Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, Centers for Disease Control and National Institutes of Health
- ³*Bloodborne Pathogens Standard, 29 CFR 1910.1030*, Occupational Safety and Health Administration

Definitions

Infectious agent: a microbiological organism that is capable of causing disease in humans including zoonotic (*causing disease in humans and animals*) agents.

Other potentially infectious material (OPIM): Body fluids; unfixed human tissue or organs; HIV containing cell or tissue culture, culture medium or other solutions; human derived cell-lines or tissues that are potentially infected with bloodborne pathogens. *See the UNL BBP Exposure Control Plan for more details.*

Laboratory Door Postings

Biohazard postings for laboratories are issued and placed by the UNL Biosafety Officer after a biosafety audit has been conducted. These postings are required by the federal standards listed above when: (a) an infectious agent² is present, (b) special provisions for entry into the laboratory are required¹, or (c) the work space is an HIV and HBV Research Laboratory or Production Facility³. These postings must be placed at the entrance to the laboratory. The posting may contain the following components:

- The universal biohazard symbol** (*required for all BSLs where infectious agents are present*)¹⁻³
- The name of the agent in use** (*In accordance with university policy; required for HIV/HBV labs per OSHA Bloodborne Pathogens (BBP) standard*)¹⁻³
- The Biosafety Containment Level of the laboratory** (*required for BSL-2 and higher*)²
- The name of the PI or other responsible person** (*required for BSL-2 and higher*)¹⁻³

- The phone number of the PI or other responsible person (required for BSL-2 and higher)¹⁻³
- The procedures required for Entry (required for BSL-2 and higher)¹⁻³
- The procedures required for Exit (required for BSL-2 and higher)²
- Date posted

Examples of postings for infectious agent labs are provided below. The sign will state “Human and/or Animal Pathogen” as the agent in use (Figure 1), unless the lab is working with HIV/HBV, in which case those agents will be listed. All signs for labs working with blood or OPIM will contain the same procedure and agent information.

The universal biohazard symbol is omitted from signage for greenhouses and laboratories where work is conducted with agents that are not infectious to humans. Special requirements for using the area must be posted for greenhouses operating at BL2-P or higher as specified by the NIH Guidelines.

Figure 1 Sample Biohazard Sign for Infectious Agent Research Labs

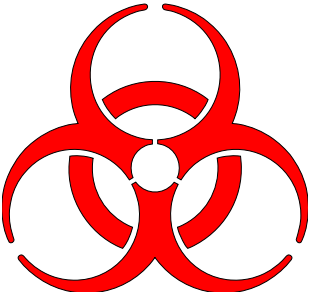

			
BIOSAFETY LEVEL		Choose BSL	
Biohazardous Agent		<i>Human Pathogens</i>	
Special Procedures Required for Entry	Click here to enter text.		
Special Procedures Required for Exit	Click here to enter text.		
PI:	Name	Date Posted:	Date
Contact Person:	Name		
Phone:	Work Phone # Emergency Phone #		
For questions or concerns contact the University Biosafety Officer at 472-9554.			
University of Nebraska – Lincoln Environmental Health and Safety			

Figure 2 Sample Biohazard Sign for BBP Labs

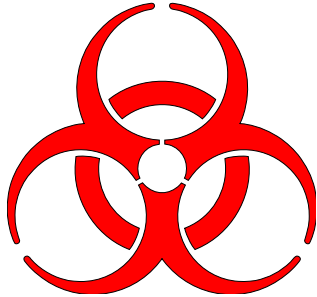
			
BIOSAFETY LEVEL		2	
Biohazardous Agent		<i>Human blood, cells, tissues or body fluids</i>	
Special Procedures Required for Entry	Universal Precautions: Lab coat, gloves and mucous membrane protection (e.g. goggles and mask, or face shield) are required when handling human blood or other potentially infectious materials.		
Special Procedures Required for Exit	Lab coat, gloves and other PPE should be removed before leaving the lab.		
PI:	Name	Date Posted:	Date
Contact Person:	Name		
Phone:	Work Phone # Emergency Phone #		
For questions or concerns contact the University Biosafety Officer at 472-9554.			
University of Nebraska – Lincoln Environmental Health and Safety			

Animal Facility Door Postings

Biohazard postings for animal facilities are issued and placed by the UNL Biosafety Officer after a biosafety audit has been conducted. These postings (required by the federal standards referenced above) are to be posted at the entrance to areas where: (a) infectious materials and/or animals are housed or manipulated, or (b) special provisions for entry are required. The posting **must** contain the following components:

- The universal biohazard symbol¹⁻² (if the agent is infectious to humans)
- The name of the agent in use (in accordance with university policy)¹
- The Animal Biosafety Containment Level of the laboratory²
- The animal species¹
- General occupational health requirements (in accordance with university policy)²
- PPE requirements²
- The name and phone number of the PI or other responsible person¹⁻²
- The procedures required for Entry¹⁻²
- The procedures required for Exit²

Figure 3 Sample Animal Facility Signs

			
<div style="border: 1px solid red; padding: 2px; display: inline-block;"> ANIMAL BIOSAFETY LEVEL Choose BSL </div>			
Biohazardous Agent(s)	Human and/or Animal Pathogens		
Animal Species	Click here to enter text.		
Occupational Health Requirements	Click here to enter text.		
Procedures Required for Entry	Click here to enter text.		
Procedures Required for Exit	Click here to enter text.		
PI:	Name	Date Posted:	Date
Contact Person:	Name		
Phone:	Work Phone #	Emergency Phone #	
For questions or concerns contact the University Biosafety Officer at 472-9554. University of Nebraska – Lincoln Environmental Health and Safety			

<div style="background-color: red; color: white; padding: 5px; border-radius: 10px; display: inline-block;"> IMPORTANT BIOSAFETY INFORMATION </div>			
<div style="border: 1px solid red; padding: 2px; display: inline-block;"> ANIMAL BIOSAFETY LEVEL Choose BSL </div>			
Biohazardous Agent(s)	Animal Pathogens		
Animal Species	Click here to enter text.		
Occupational Health Requirements	Click here to enter text.		
Procedures Required for Entry	Click here to enter text.		
Procedures Required for Exit	Click here to enter text.		
PI:	Name	Date Posted:	Date
Contact Person:	Name		
Phone:	Work Phone #	Emergency Phone #	
For questions or concerns contact the University Biosafety Officer at 472-9554. University of Nebraska – Lincoln Environmental Health and Safety			