

University of Kansas Lawrence Campus

Laboratory Safety Manual

Part III – Biosafety Plan

4) Training for Authorized Users and Authorized Occupants in Laboratories with Biohazards

4.1) Training of Authorized Users of Biohazards

Authorized Users shall have training based upon the content of the following:

4.1.1) Universal Content for the Training of Authorized Users of Biohazards

4.1.1.1) Applicable sections of the University's Health and Safety Manual.

4.1.1.2) Part I and III of the KU Laboratory Safety Manual

4.1.2) Hazard-specific Training for Authorized Users of Biohazards

Note: Content specified in this section is included, as applicable, for the activities of the prospective Authorized User. It is important for Authorized Users and Authorized Laboratory Supervisors to remember that when the activities of a user change to areas for which the hazard-specific training has not been obtained, the appropriate additional training must be documented before use begins. The Authorized User is only an Authorized Occupant with respect to specific biohazards for which training has not been accomplished.

4.1.2.1) Laboratory-specific Standard Operating Procedures (SOPs)

4.1.2.2) Requirements and conditions of all applicable Laboratory-Specific Safety Plans.

4.1.2.3) Content of Pathogen Safety Data Sheets

4.1.2.4) Bloodborne Pathogen Program

4.1.2.5) Recombinant DNA Program

4.1.2.6) IACUC required training as applicable

4.1.2.7) Required EHS online training

4.2) Training of Authorized Occupants who are Laboratory Occupants

Section 4.2 and 4.3 of Part I specifies the training that is required. Part I-4.2.2 specifically addresses biohazards. Laboratory occupants shall have a clear understanding of the specific biohazards that they shall not manipulate or use and the labeling and marking system that specifies areas and equipment that are off limits to them. The laboratory-specific Standard Operating Procedures shall address the means used to accomplish these requirements.

4.3) Training of Authorized Occupants who are not Laboratory Occupants

Sections 4.2, 4.2.2 and 4.3 of Part I specify the required training. Training shall emphasize that non-laboratory Authorized Occupants are not to touch laboratory benches and other laboratory equipment in Level I and II laboratories unless the Authorized Laboratory Supervisor has certified that it is safe to do so (surfaces or equipment free of contamination with Hazardous Materials). Non-laboratory personnel/students/visitors cannot be "Authorized Occupants" of Level III and IV labs. They are "visitors" and therefore direct supervision by the Authorized Laboratory Supervisor is required during the time services are provided.

4.4) Briefing of Visitors

Section 4.4 of Part I covers the briefing and the supervision that is required.

4.5) Information & Training Resources

Authorized Lab Supervisors and users of Biohazard/Infectious Materials shall:

4.5.1) If needed, contact EHS (864-4089) for assistance in providing the required information and training.

4.5.2) On-line safety training

KU-EHS currently offers 80+ safety courses/modules online via KU Blackboard/Canvas and MyTalent Learning. There are 34 courses that address Lab Safety issues/concerns with several that are specific to biosafety. May be found here: <https://ehs.ku.edu/training>

- a) Many Depts/Units have already set established required minimum training grids for personnel in their units. These are available through EHS online sites per each unit page.
- b) Many PI's/Lab Supervisors have lab/group specific pages that establish additional required training. These are available through EHS online sites per each PI/Class page.

4.5.3) Classroom/small group training – KU-EHS can provide a variety of training via request.