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Environment, Health, & Safety  
Training Program

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**EHS 735 ~ Bloodborne Pathogen Training for Researchers**

**Course Syllabus**

<b>Subject Category:</b>	Biosafety	<b>Course Prerequisite:</b>	No
<b>Course Length:</b>	15 minutes	<b>Medical Approval:</b>	No
<b>Delivery Mode:</b>	Online		

**Course Purpose:** This course is required for researchers before starting work that involves potential exposure to bloodborne pathogen (BBP) materials such as BBPs and human blood, tissues, or cells. This course provides specific training elements required in the OSHA Bloodborne Pathogens Standard that are listed in the course content below.

**Supplementary and Refresher Courses:**

- EHS 739 (Biosafety Training for Researchers) and EHS 745 (Hepatitis B Medical Surveillance) must be taken in conjunction with this course. This course may be taken before or after taking these supplementary courses, but all courses must be completed to meet requirements for BBP training.
- EHS 738 (Bloodborne Pathogen Refresher Training) must be taken when the annual BBP refresher course is required.

**Course Content:**

- What BBPs are and why they are of concern
- HIV and Hepatitis A & B Viruses: health effects, infectivity, viability, carriers, vaccine, prevalence, incidence, and symptoms
- OSHA Bloodborne Pathogen Standard purpose and access
- List of BBP materials
- BBP exposure and transmission at work
- Human cell culture risks and controls
- Exposure Control Plans and authorizations

**Subject Matter Expert:** EHSS Biosafety Officer

**Training Compliance Requirements:** This course meets training requirements in the OSHA Bloodborne Pathogens Standard (29 CFR 1910.1030(g)(2)) when taken with the supplementary courses listed above. This OSHA regulation requires LBNL to train each employee who is potentially exposed to BBP materials on specific elements covered in the standard.

**Course Handouts:** Course participants can print a copy of the course if they wish.

**Participant Evaluation:** Online – course evaluation is available after completing the training.

**Written Exam:** Online – each module includes one or more activity to check for comprehension.

**Practical Exam:** None

**Retraining/Recertification:** See the annual refresher course noted above.

**WEB Resources:**

- EHSS Training Program web page @ <http://www.lbl.gov/ehs/html/training.htm>
- Biosafety Manual @ <http://www.lbl.gov/ehs/biosafety/manual/index.shtml>