### Program Categories

#### General Lab Safety
- **Chemical Safety**
  - Principal Investigator or Lab Supervisor
  - Exposed to hazardous chemicals
  - Reactives, Pyrophorics, or toxins
  - Work with and dispose of hazardous wastes
  - Work with controlled substances

#### Biological safety
- Work with biohazardous materials or recombinant DNA
- Work with blood or infectious agents
- Work with syringes on human subjects

#### Radiation Safety
- Work or exposed to radioactive materials
- Use X-ray equipment
- Use class 3B or 4 lasers

#### Laser Safety

#### Animal Use and Care
- Have direct contact with live vertebrate animals
- Perform procedures requiring aseptic technique

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<tr>
<th>Training Frequency</th>
<th>PI EHS Responsibilities</th>
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<tbody>
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<td>annual</td>
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### Course Descriptions

**Principal Investigators/Lab Supervisors EHS Requirements**: This covers the roles and responsibilities and environmentally sound lab. The course is offered in the training tab online.

**Laboratory Safety Orientation**: This [web based training](#) is required for laboratory workers in labs with government agency funding. It provides an introduction to safe practices in the chemical lab environment. Including basic safety, identifying hazards, electrical safety, fire safety, and emergency procedures.

**Lab Hazardous Waste Management**: This [classroom style training](#) is required for labs that use hazardous waste. Introduction to Resource CONservation and Recovery Act and its application in the University lab environment. It covers procedures, labeling, storing, treating, and disposal procedures for hazardous waste at UAH. Annual updates are web based.

**Controlled Substances**: [Web based training](#) covers the DEA requirements for the use of controlled substances. It includes controls and security, orders/delivery/receipt, Use Logs and Biennial Inventory, Transfers/Imports and Illicit Activities and Recuperations.

**Biosafety**: [Web based training](#) covers the NIH requirements for the proper handling of microorganisms. It applies to work conducted in a microbiological laboratory.
**Bloodborne Pathogens:** This web based training reviews the NIH requirements for the use of potentially infectious organisms in research labs. Topics include: Bloodborne Pathogens Standard, Epidemiology & Symptoms, Modes of Transmission, Exposure Compliance, PPE Selection, PPE Decontamination & Disposal, Hepatitis B Vaccination, Emergency Planning, Follow-up, Signs and Labels, Waste Management. 

**Introduction to Radiological Safety:** This web based training is required for new users of radioactive materials by the Alabama Department of Public Health. Topics include ionizing radiation, ALARA, surveys, security and inventory control, waste management.

**X-Ray Safety:** This web based training is required by the ADPH for users of X-ray instrumentation. It covers characteristics of X-radiation, units of dose and quantity of radioactivity, significance or radiation dose, levels of radiation from sources of radiation and methods of controlling radiation dose.

**Laser Safety:** Training is required because of the hazards associated with the use of nonionizing radiation. Topics include: Introduction, Hazards (Biological and Non-Beam), Engineering Controls, Administrative Controls, Work Practices, and Personal Protective Equipment (PPE).

**Training Support:** Please contact us for additional resources or with questions regarding safety training at www.uah.edu/oehs or 824-6053.
## Lab Safety Orientation

- Lab Hazardous Waste Mgt: annual
- DEA Controlled Substances: annual
- Biosafety: annual
- Bloodborne Pathogens: annual
- Radiation Safety: every two yrs
- X-Ray Safety: every two yrs
- Laser Safety: annual

### Lab Hazardous Waste Management:
This classroom style training is required for labs that use hazardous chemicals and receive federal funding. Introduction to Resource Conservation and Recovery Act and its application in the University lab environment. Includes hazardous waste determination procedures, labeling, storing, treating, and disposal procedures for hazardous waste at UAH. Annual updates are web based.

### Controlled Substances:
Web based training covers the DEA requirements for the use of controlled substances. Topics include: Introduction, storage site controls and security, orders / delivery / receipt, Use Logs and Biennial Inventory, Transfers / Imports / Exports, Disposal, Diversion and Loss Reporting, and Illicit Activities and Repercussions.

### Biosafety:
Web based training covers the NIH requirements for the proper handling of microorganisms in teaching and research, recombinant DNA, and work conducted in a microbiological laboratory.

### Principal Investigators/Lab Supervisors EHS Requirements:
This covers the roles and responsibilities of PI's and Lab Supervisors in maintaining a safe and healthy lab environment. Includes hazardous waste determination procedures. Updates are web based.

### Laboratory Safety Orientation:
This web-based training is required for laboratory workers in labs with government agency funding. It provides an introduction to safe practices in the chemical lab environment. Including basic safety, identifying hazards, exposure controls, hazardous materials, electrical safety, fire safety, and emergency procedures.
X-ray Safety: This web based training is required by the ADPH for users of X-ray instrumentation. It provides an overview of X-ray producing equipment including characteristics of X-radiation, units of dose and quantity of radioactivity, significance or radiation dose, levels of radiation from sources of radiation and methods of controlling radiation dose.

Laser Safety: Training is required because of the hazards associated with the use of nonionizing radiation. Training covers the safe use Class IIIB and Class IV lasers. Topics include: Introduction, Hazards (Biological and Non-Beam), Engineering Controls, Administrative Controls, Work Practices, and Personal Protective Equipment (PPE).

Bloodborne Pathogens: This web based training reviews the NIH requirements for the use of potentially infectious and infectious organisms in research labs. Topics include: Control Plan, Tasks & Activities, Methods of procedures, Exposures, Post Exposure Evaluation & materials by the Alabama Department of Public agency, records, and rules.

Training requirements at www.uah.edu/oehs or 824-