

UAMS Required Laboratory Safety Trainings

Please ensure that all Protocol Team Members (students & staff) participating in the laboratory procedures have completed the following trainings as appropriate for their job duties (see Appendix A of the UAMS Biosafety Manual for more information):

UAMS Employees & Students Training List in [Workday](#):




- Click the Workday app after clicking the link to open the list or the individual training link. Can also **scan the QR code with your phone** for the complete list.
- To search for a training in Workday, see page 5 for instructions.



Required Trainings


These training are required due to the hazards present on the UAMS main campus.

	<p><u>Initial In-Person Laboratory Safety Training</u> Required initially & annually by all laboratory personnel. Introduction to Biosafety, Fire & Life Safety, Chemical Safety, Bloodborne Pathogens, Sharps & Waste Disposal, and BSC/CFH use. Initial Training must be completed in-person. In-person Initial Training is performed in Biomed II Rayford Auditorium on the second Tuesday at 2pm.</p>
	<p><u>Annual Laboratory Safety Training</u> Required annually by all laboratory personnel (after the initial in-person training). Overview of Biosafety, Fire & Life Safety, Chemical Safety, Bloodborne Pathogens, Sharps & Waste Disposal, and BSC/CFH use. Can be completed online or in-person, both classes are equivalent.</p>
	<p><u>UAMS Waste Handling and Disposal Procedures</u> Required initially & every 3 years for all personnel (clinical, research, academic, or support staff) who work with chemical, biological, radiation, or other hazards at UAMS.</p>
	<p><u>Basics of Biosafety Training</u> Required initially for new research laboratory personnel or students and as needed for retraining.</p>

	<p><u>Bloodborne Pathogens Training</u> Required initially & annually for all personnel (clinical, research, academic, or support staff) who handle blood or Other Potentially Infectious Material (OPIM) per OSHA Bloodborne Pathogen Standard. Licensed medical personnel must take this training to meet licensing requirements.</p>
	<p><u>Cryogenics Safety Training</u> Required initially & annually for all laboratory personnel (clinical, research, academic, or support staff) who handle or work in the same room as cryogenic material, such as liquid nitrogen and dry ice (CO₂). This training is to recognize and understand the hazards of cryogenics use on campus and the need for ventilation, PPE, and oxygen alarms to prevent cryogenic injury.</p>
	<p><u>Laboratory Specific Hands-On Training</u> Required initially & for any process changes for all laboratory personnel. In addition to the trainings listed above, all personnel must complete and have documentation of hands-on laboratory specific training. This documentation is to be kept by the Principal Inspector (PI) in the Laboratory Safety Binder and is the responsibility of the PI. This should include hands-on training that demonstrates how to use the specific laboratory equipment (gel electrophoresis, pipettes, centrifuge, autoclaves, etc.), how to perform all laboratory processes per the Laboratory Specific Operating Procedures (LSOP), and all best safe work practices for the specific laboratory. Clinical training staff must complete separate hands-on training documentation and competency assessments that meet all regulatory compliance requirements (CLIA, CAP, etc.).</p>

Additional Trainings

These trainings may be **required** depending upon the chemical, biological, and/or, radiological hazards in your laboratory. Please complete the training specific to your laboratories hazards and work performed.

	<p><u>NIH Guidelines for Recombinant & Synthetic Nucleic Acid (rDNA) Research</u> Required annually for all personnel (clinical, research, academic, or support staff) who handle recombinant or synthetic nucleic acids, recombinant drugs, transgenic animals, and any recombinant work performed in the clinical or laboratory setting. Must also have an Approved Biosafety Protocol with the UAMS IBC prior to beginning laboratory work.</p>
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	<p><u>DOT-IATA Shipping Infectious Substances</u> Required biannually for personnel (clinical, research, academic, or support staff) who perform shipping of infectious or hazardous substances.</p>
	<p><u>Handling Animals with Hazards</u> Required every 3 years for all personnel who handle animals that contain biological, chemical, radiological, rDNA, or other hazards. Also required to complete DLAM Training: 'Animal Research Requirements Training Course'.</p>
	<p><u>Research Lab Personnel Medical Screening for Animal Work</u> Required prior to animal work. Contact Student & Employee Health Services (SEHS) or Kim Murphy, Animal Compliance with any questions. To submit vaccine records and perform TB screening: see SEHS website for more information.</p>
	<p><u>Annual Radiation Safety Refresher Training for Lab Workers</u> Required annually for personnel who work with radiation or radioactive material.</p>
	<p><u>N-95 Respirator Safety Training</u> Required for personnel to use a N-95 respirator. Must be completed along with the below Medical Evaluation prior to N-95 respirator fit testing. Must also complete the Respirator Medical Evaluation before receiving Fit Testing in-person (go to website to see Fit Testing Schedule). May need other respirator training, such as PAPR or CAPR training (Fit Testing is scheduled for PAPRs & CAPRs due to required hands-on training).</p>
	<p><u>Respirator Medical Evaluation</u> Required for personnel to use a N-95 respirator. Must be completed along with the above N95 Respirator Safety Training prior to N-95 fit testing.</p>
	<p><u>In-Person N-95 Fit Testing</u> Once the above Workday training and Medical Evaluation have been completed. Go to Central Building G172 for fit testing. Hours Fit Tests Are Performed Mondays: 7:00 am - 10:00 am Wednesdays: 1:00 pm - 4:00 pm Thursdays: 7:00 am - 10:00 am</p>

CITI Trainings for Animal (IACUC) and Human (IRB) Research

CITI Training for IACUC Animal Work, if needed (contact [IACUC](#) for a complete list):

- Working with the IACUC (**required every 3 years**)
- Reducing Pain and Distress in Laboratory Mice and Rats
- Post-Procedural Care of Rodents, if applicable

CITI Training for IRB Human Clinical Trials, if needed (contact [IRB](#) for a complete list):

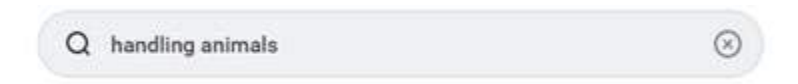
- Human Research: Biomedical Basic Research Course (16 modules) (**required every 3 years**)
- Good Clinical Practice (**required** for NIH Grants)
- Responsible Conduct of Research



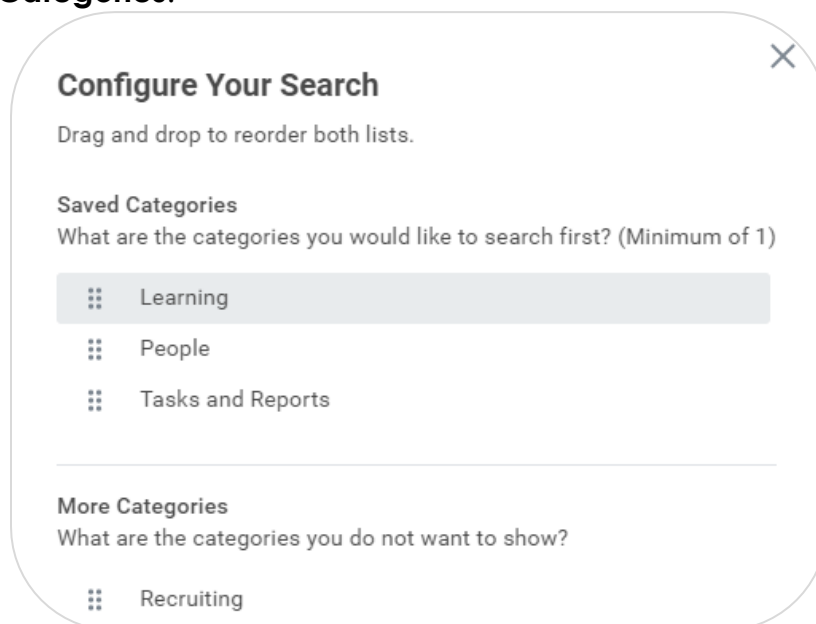
CITI Training Instructions: go to the CITI website:
<https://about.citiprogram.org/> and click 'Register' to begin CITI training process.

Instructions to add 'Learning' tab to Workday Search

1. The search bar does not pull up the trainings until '**Learning**' is added to your Search:



2. To do this, you need to configure the search by clicking "**Configure Search**" in the bottom left corner and dragging 'Learning' up to the **Saved Categories**:




3. Now when you search, the course should come up. For example, if we are trying to find '**Handling Animals with Hazards**' it will pop up as:

Learning

Handling Animals with Hazards

Annual training for personnel working with laboratory animals. This class deals with the Occupational Health and Safety Plan (OHSP), Zoonoses, Lab Safety and ...

Course • 1 lesson



4. Then select the course and begin the training.