

IBC Policy Number: 701 Version: 4.0 Effective Date: 3-2025	Training	Supersedes Document Dated: 9-2017
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Section 7: Training

7.0 IBC Member Training

7.1 BSO Training

7.2 Principal Investigator and Research Personnel Training

Training is required for all research personnel working with recombinant or synthetic nucleic acid molecules and biohazardous materials, agents and toxins. Completion of the courses is a requirement for the approval of new and continuing Biosafety and Recombinant protocols. All existing training materials and course content required by the IBC will be reviewed every four years by the IBC, and any new training material or course content will be reviewed by the IBC Chair and members prior to release.

7.0 IBC Member Training

All IBC members will complete the Collaborative Institutional Training Initiative (CITI) modules and receive initial training regarding the IBC Policies.

The training program for all members will also consist of information provided at each IBC meeting. The objectives of providing ongoing training for IBC members is to increase their knowledge, understanding and awareness of current laws and regulations, new directives, best practice guidelines and institutional policies. It also provides a regular forum for the IBC to discuss concerns or questions brought forth by the faculty and research personnel. Information provided for these sessions will include questions and concerns brought to the attention of the IBC, official directives, relevant publications, conference announcements, seminar proceedings, and compliance issues. It will be the responsibility of the IBC Administrator to document all training.

7.1 BSO Training

The BSO, (if required by NIH Guidelines), is a Certified Biosafety Professional (CBSP), a certification requiring continuing education in biosafety. The BSO, designated by the University as professional personnel, has the job requirement to maintain CBSP certification.

7.2 Principal Investigator and Research Personnel Training

General biosafety training and good microbiological techniques is mandatory for all Principal Investigators and research personnel. Comprehensive biosafety training is completed through the online Collaborative Institutional Training Initiative (CITI) modules. Additional training may be required depending on the specific protocol. The Principal Investigator is responsible for providing laboratory research staff with protocols describing potential biohazards and necessary precautions. The *NIH Guidelines* training is mandatory for Principal Investigators and research personnel performing recombinant or synthetic nucleic acid molecules research that is non-exempt. DURC training is mandatory for Principal Investigators and lab personnel associated with any project identified as DURC. All persons listed on an IBC protocol are required to complete the CITI "Biosafety Complete Training Series" course. Anyone working on an IBC protocol

that involves the use of blood or Other Potentially Infectious Material (OPIM) is also required to complete the Bloodborne Pathogens training before they will be approved to perform work on the protocol. Bloodborne Pathogens training is required to be renewed yearly as a part of the IBC Annual Periodic Assessment Report. It is the Principal Investigator's responsibility to complete and ensure all research personnel have received the required training prior to protocol review by IBC. Documentation of successful completion of training is required in order to receive IBC approval. Information and links to IBC required training courses can found on the Research Integrity & Education website: <https://www.du.edu/orsp/research-compliance/biosafety/education-training.html>