

2025 LOG OF CHANGES TO THE UW BIOSAFETY MANUAL

CHANGE LOCATION	DESCRIPTION OF CHANGE
Throughout	Administrative updates, including updating web hyperlinks, content reorganization, and minor grammar or language changes for clarity.
Section 1.D.9	Updated information about the United States Government Policy for Oversight of Dual Use Research of Concern (DURC) and Pathogens with Enhanced Pandemic Potential (PEPP)
Section 1.D.10	Added information about the CDC Import Permit Program
Section 1.D.11	Added information about USDA APHIS permits
Section 1.D.12	Added information about the Framework for Nucleic Acid Synthesis Screening
Section 2.A.3	Added information about the lab inspection process
Section 2.B	Table 2-1: language updated for clarity, and gene drive modified organisms (GDMOs) added as an experimental category requiring review
Section 2.C	Added information about gene therapy and clinical trial review
Section 3.E	Added information about select toxin DURC-PEPP review
Section 3.F	Added information about proteopathic seeds
Section 4 reorganization	<ul style="list-style-type: none"> • Added introduction with hierarchy of controls (4.A) • Created "Safe Use of Laboratory equipment" (4.D.) to replace former "Laboratory Equipment" section. • Sharps safety information moved to Equipment section 4.D.6) • "Water baths and Incubators" and "Refrigerators, Deep Freezers, and Dry Ice Chests" moved to "Equipment Maintenance" (4.D.11) • Created "Biosafety laboratory practices (4.E) to replace former "Laboratory Procedures" and "Good Laboratory Practices and Techniques" sections. Information from the two sections was combined. • "Pipetting," Opening Culture Plates, Tubes, Bottles, and Ampoules," and "Working Outside a BSC Using a Splash Guard and/or Additional PPE" were moved to "Containing and Minimizing Aerosols and Splashes" (4.E.7) • Former "Control of Biohazards Associated with Laboratory Animals" is now "Biosafety for Animal Research" and was moved after Decontamination and Biohazardous Waste as Section 4.I.

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	<ul style="list-style-type: none"> Information from former 4.I "Control of recDNA Experimentation" was included throughout Section 4 rather than having a standalone section.
Section 4.D.1.d	Added guidance about two people working in a BSC simultaneously
Section 4.D.1.e	Added guidance about UV light usage in BSCs
Section 4.D.8	Expanded cell-sorting aerosol management and safety information
Section 4.D.9	Added information about safe use of microscopes including laser safety reference information
Section 4.D.10	Added information about safe use of Bunsen burners/flames
Section 4.D.11	Added information about general equipment maintenance
Section 4.E.2.d	Expanded lab-specific biosafety training requirements
Section 4.E.6	Added information about laboratory exit procedures
Section 4.E.10	Added information about biohazard labeling
Section 4.F	Added information about shipping and receiving biological materials
Section 4.G.5	Added information about research involving arthropods
Section 5.B.2	Added PI responsibility to communicate hazards to animal research facilities
Section 6.B.4	Added information about incident investigations
Appendix C	Moved this appendix to the EH&S website at https://www.ehs.washington.edu/biological/biological-research-safety/biohazard-transport-policy