

Biosafety at MUSC



Michael G. Schmidt, Ph.D., Chair, Biosafety Committee



[*IBC website*](#)

Biosafety at MUSC



■ *Learning Objectives*

1. Understand the role and responsibilities of the PI with respect to Biosafety and Animals
2. Understand the underlying principles of biosafety as they relate to conducting safe and effective science requiring the use of biohazardous materials on campus
3. Be able to locate resources that will facilitate the determination of the relative biosafety risk associated with a planned experiment
4. Recognize the significance and need for conducting experiments at different biosafety containment levels
5. Understand the differences between BSL1 and BSL2

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■ *Learning Objectives continued:*

6. Recognize the role each piece of *Personal Protective Equipment* plays in safeguarding the health and welfare of the laboratorian and community
7. Be familiar with the proper use of Biological Safety Cabinets (BSC)
8. Recognize the inherent risk with using centrifuges in the laboratory with a special emphasis on risks associated with infectious agents
9. Understand the significance of good laboratory housekeeping
10. Be able to clean up a minor biological spill within a BSC
11. Understand what is required of you during the bi-annual Laboratory Biological Safety Inspection

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■ *Learning Objectives continued:*

12. Understand the significance of working with biohazardous Materials specifically the role of the PI in informing the laboratorian of potential hazards in the workplace as well as the personal responsibility required of each employee and student