



Developing a BL3 Certification Training Program for Animal Resource Personnel

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Regulatory Requirements

“It shall be the responsibility of the research facility to ensure that all scientists, research technicians, animal technicians, and other personnel involved in animal care and use are qualified to perform their duties”

USDA, 9 CFR



Regulatory Requirements

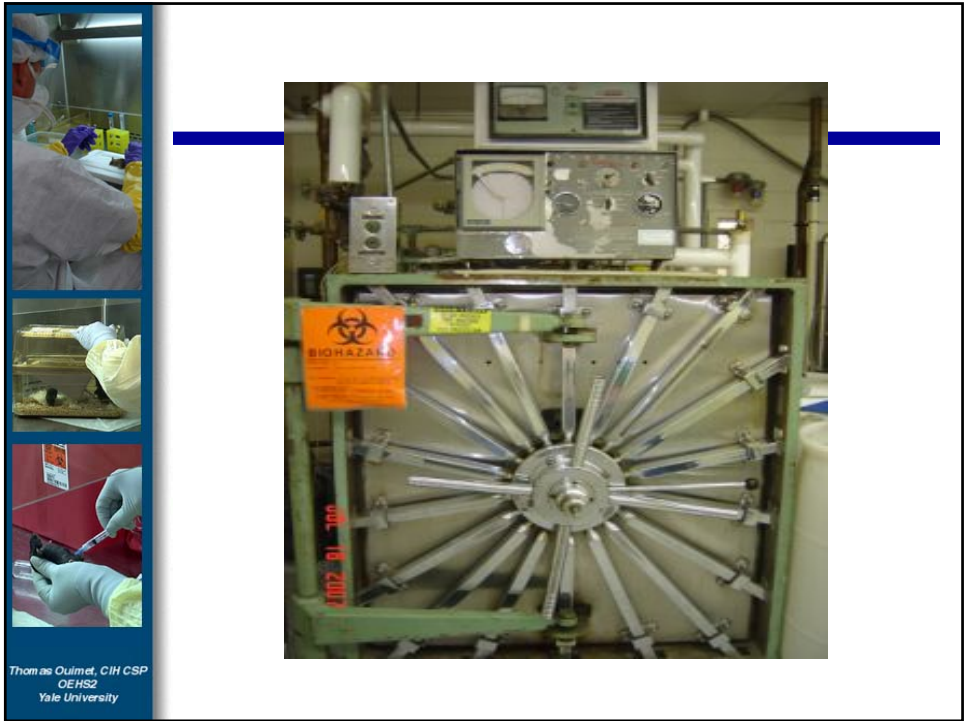
“Animal care laboratory and support personnel receive appropriate training on the potential hazards associated with the work involved, the necessary precautions to prevent exposures, and the exposure evaluation procedures.”

CDC, BMBL



History

- Thru 1996, all animal care was provided by the animal resource personnel
- 1996 thru June 2004, researchers cared for their own animals
- July 2004, initiated BL3 certification for animal resource personnel



Candidate Qualifications

- Attributes
 - Attention to detail
- Experience
 - 5 yrs+ at BL1
 - 3-5 yrs at BL2
 - Familiarity with the BL3 facility





Candidate Recruitment

- “Volunteers”
 - Qualifications
 - Confidence
 - Acceptance



Training Criteria

Didactic Training:

- Biosafety
- BBP
- BL3
- Chemical Safety
- Respiratory Protection
- Effective Use and Operation of the Biosafety Cabinet





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Training Criteria

Hands-On:

- Donning / Doffing PPE
- BL3 Lab Entry / Exit
- Effective Use and Operation of the Biosafety Cabinet
- Use of Disinfectant
- Assessment of Animal Room



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Training Criteria

Hands-On (cont.)

- Cage Rotation and Management
- Waste Collection within the Biosafety Cabinet
- Waste Decontamination
- Waste Management - Use of the Autoclave
- Emergency Response Procedure



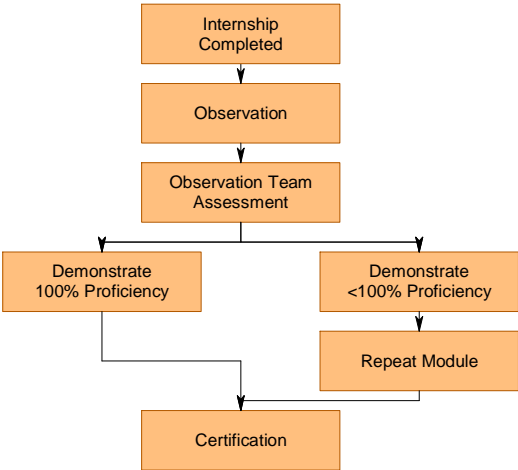


Internship

- Sponsor : Trainee
- Complete didactic training
- Complete 15 hands-on sessions (minimum)
- Recommend for Certification



Certification Criteria





Challenges

- Time commitment from Animal Resources and Sponsor
- Increase in per-diems



Successes

- Animal resource staff “requesting” training
- Relationships improved
- Facility oversight enhanced
- Regulatory requirements - personnel qualifications suited for tasks
- Comparable program for Radiation Safety Certification

Acknowledgements

- **ABSA**
- **Yale University**
 - OEHS
 - YARC
 - IACUC

