

Development and Efficacy of a Livestock Handling Safety Video

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K-State Project Team Members

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- **Scott Rusk, M.S.**
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- **Erin Smith, M.S.**
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Sponsored By:

- ABSA and the Griffin Grant Program





Purpose of Project

1. Develop a 30 minute safety training video for those who work with livestock in BSL-3 large animal containment;
2. Evaluate the efficacy of the video by having a pilot group of ABSA members assess its effectiveness.
 - Pilot group:
 - Four ABSA members identified by ABSA Office who are expert livestock/large animal
 - Two novices to BSL-3 research identified by Project Team Members

Project Deliverables

- Video made up of 5 chapters (Total of 50 minutes, 43 seconds)
 - Working with Livestock in a BSL-3 Facility
 - Risk Assessment
 - Livestock Behavior and Handling
 - Handling Sheep and goats
 - Handling Swine
 - Handling Cattle
- BRI Livestock Handling Safety Video Pilot Review Report

Video Development

- Planning
 - Stakeholder engagement
 - Expert livestock specialists
 - Expert BSL-3 researchers with livestock experience
- Project Team discussions
 - Narrowed topics
 - Completed K-State IACUC process
- Finalized scripts and video storyboards
- Recorded video footage
- Edited footage and script
- Pilot review
- Edited footage and script
- Final DVD production

Video Sample

Pilot Review

- Adequacy of concepts covered – Likert scale questions
 - No response below 4.00 (Mean “agreement” of adequacy)
 - Livestock Behavior and Handling video – most favorable (Mean 4.83)
- Animal welfare
- Reviewer recommendations
- Overall - Very well received



Questions





Thank You!

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