



26BSS02. The Intersection of Cyberbiosecurity with Quality and Safety Management Systems

A virtual professional development opportunity

April 9, 2026 - 11:00 AM – 2:00 PM (CDT)

April 30, 2026 – 11:00 AM – 12:00 PM (CDT)

Instructors:

Julianne Baron, PhD, CPH, RBP(ABSA), CC, Science and Safety Consulting, LLC, McMurray, PA

Meghan Seltzer, PhD, RBP(ABSA), The MITRE Corporation, Leesburg, VA

Overview

Quality and safety management systems increasingly rely on digital infrastructure—such as software programs, networked or IoT devices, and large language models— to collect, manage, store, and analyze data needed to ensure compliance with biosafety and quality standards. Properly securing this infrastructure is critical to safeguarding information, ensuring safe and secure operations, and maintaining organizational integrity. This course is designed to equip professionals with an understanding of the intersection between cybersecurity, quality, and safety management systems to enable attendees to effectively recognize, communicate, and mitigate cyber threats within their organization. Through a blend of lectures, case studies, and interactive exercises, this course will introduce participants to foundational concepts of cyberbiosecurity and enhance understanding of how digital transformation in quality and safety management introduces new vulnerabilities. Participants will become familiar with and learn how to apply guidance documents, standards, and tools—including ISO 35001, ISO 17025, ISO 27001, NIST CSF, NIST 800-53, and the CVE Program—to evaluate and mitigate cyberbiosecurity risks. As part of the course, participants will have an opportunity to apply these skills to an element of a safety or quality management system at their institution (e.g., IBC/IACUC registration system, temperature monitoring, access control system).




Participants will become familiar with and learn how to apply guidance documents, standards, and tools—including ISO 35001, ISO 17025, ISO 27001, NIST CSF, NIST 800-53, and the CVE Program—to evaluate and mitigate cyberbiosecurity risks. As part of the course, participants will have an opportunity to apply these skills to an element of a safety or quality management system at their institution (e.g., IBC/IACUC registration system, temperature monitoring, access control system).


Objectives


- Identify the intersectionality of cybersecurity with quality and safety management systems and the importance of cyberbiosecurity
- Detail available resources relating to cybersecurity, quality, and safety that can be used by professionals to assess and evaluate threats, risks, and mitigation measures
- Assess an organizational quality or safety management system for cyberbiosecurity vulnerabilities and configuration needs

 **Audience Level:** Intermediate


 **Suggested Background:** None


 **Who Should Attend:** Operations (Front Line, Laboratory, Support Staff, etc.) Personnel


 **Course Logistics:** Course is one 3-hour session and one 1-hour session. Attendees will need to log on 15 minutes prior to the start time. To receive credit and a certificate, attendees must attend the session and complete or access all course modules. The course materials are for **registered participants only**.

 **Course Fees:**

*ABSA Member: \$300	Non-Members: \$390
* To receive the ABSA member rate, participants must be current ABSA members during the training year. Fees include course handouts, access to the ABSA International training site, and 3.75 hours of expert-led interactive instruction. Group Discount (all registrants from same organization): 10% off for 3-4 participants; 20% off for 5-9 participants; 30% off for 10+ participants. To apply for the group discount for registration, please call the ABSA Office to register.	

 **Credits:** This course has been approved for **0.5 CM points** toward RBP/CBSP recertification. *ABSA International is approved as a provider of continuing education programs in clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This course is approved for **4.0 P.A.C.E.® contact hours**. Course access links are unique and for individual use only. **Sharing is prohibited**. Duplicate logins or unregistered attendees will be removed from the webinar without a refund.

 **Questions:** Contact: Kari DeServi, MEd, Director of Education, ABSA Office, 866.425.1385 (toll free)
Email: education@absa.org

 **Register:** **By phone:** (866) 425-1385 or **Online:** www.absa.org
Confirmed, paid participants will be sent detailed information regarding the course within a few days prior to the course. Substitutions allowed with notice by 3/12/2026. There is a 15% processing fee for cancellations prior to 3/19/2026. No refunds after 3/19/2026.