

Biosecurity Virtual Symposium Professional Development Course Proposal Topics

Ag Biosecurity - Creating community biosecurity awareness for agricultural and plant pathogens and human and animal pathogens

Biosecurity and Bioeconomy (i.e. threats, risks)

Biosecurity and Big Data (i.e. risks, best practices, case studies, etc.)

Biosecurity Ethics and Integrity

Biosecurity in Clinical & Diagnostic Settings

Biosecurity in High- and Maximum-containment Facilities - Addressing biosecurity through community engagement for establishing and operating of high- and maximum-containment facilities

Biosecurity Management Practices and Procedures - Biosecurity self-regulation- development and implementation in the absence of government regulations; best practices; Evolution of biosecurity practices and procedures in life science research, industry, and academia

Biosecurity Training - Developing/updating/refining biosecurity training, and strategies for communicating biosecurity risks (methodology included), Training the next generation of life sciences researchers on how to incorporate biosecurity (Including practices, measures, and culture)

Cybersecurity and Cyberbiosecurity - Developing/updating/refining cyberbiosecurity training, and strategies for communicating cyberbiosecurity risks (methodology included); Developing/updating/refining cyberbiosecurity programs (methodology included)

Emergency Response - Biosecurity challenges during outbreaks (i.e. endemic, epidemic, pandemic); communication challenges and how to deal with them

Threat Assessment and Management

Intro to Biosecurity – overview of the field, what to do to introduce others into the field, how to communicate, succession planning, communicate the importance of biosecurity to your audience; Biosecurity challenges during outbreaks (i.e. endemic, epidemic, pandemic)

Effective Biosecurity Communication and Collaborations with Outside Organizations - Effective communication to members of the media and the general public about biosecurity hazards; Effective communication to law enforcement, researchers, public health, agricultural, biosafety professionals, and others about biosecurity hazards

One Health/Global Health Security Agenda - Global health security agenda milestones and goals

Personnel Biosecurity - Developing/updating/refining personnel reliability and suitability programs (methodology included)