



Boston Biosafety User's Group (BBUG)
co-sponsored by the New England Biosafety Association (NEBSA)

Date of Meeting: Thursday, May 20th, 2021

Time: 12pm-1:30pm

Location: ZOOM

Host: Harvard Medical School

RSVP: https://hms.az1.qualtrics.com/jfe/form/SV_cC5ilJ5GNLWOvtk

ZOOM link: <https://harvard.zoom.us/j/92502361144?pwd=TFQ1SXNnMIJGc20yUkZXVXJSSi9tUT09>

AGENDA

12:00 PM Welcome and Introductions

- Rebecca Caruso, Director, Harvard COMS

12:05 PM Guest Speaker Presentation –

Presentation on Inherent and Residual Risk – Bio risk management strategies for laboratories and Clinical Containment Settings

- AJ Troiano PhD, RBP
- Sean G. Kaufman MPH. CPH. IFBA CP

Moderator: Rebecca Caruso, Director Harvard COMS

1:00PM Question & Answer

Sponsors and speakers will be sought for other 2021 BBUG Meetings

INHERENT AND RESIDUAL RISK:

BIORISK MANAGEMENT
STRATEGIES FOR LABORATORIES
AND CLINICAL CONTAINMENT
SETTINGS

AJ Troiano
PhD, RBP

Sean G. Kaufman
MPH, CPH, IFBA CP

May 20, 2021

12:00 – 1:30 PM EDT

Risks which are associated with laboratory and clinical activities which are conducted in the absence of mitigation controls are inherent. Even when strategic controls are put in place – we still cannot promise those we serve a **zero-risk** environment. That which remains after carefully selected control measures are put in place is called residual risk.



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Dr. AJ Troiano and Sean Kaufman will provide an overview of biological risk factors, identify the goal and components of biorisk management system (HRO), and discuss a process for assessing and managing residual risk factors in the laboratory and clinical containment environment.

We look forward to serving you. Let's do safety together.

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Dr. AJ Troiano

Dr. AJ Troiano is a classically trained microbiologist, biological safety specialist, consultant, and educator. Having worked across public health, academic, life science, and commercial industries, Dr. Troiano uses his strong scientific pedigree to address emerging infectious diseases, synthetic biology, novel scientific technologies, and gene therapies.

At the start of every disaster movie or novel, too often we observe a scientist being ignored. Dr. Troiano believes in breaking this archetype by reinforcing and empowering scientific leadership throughout organizations, not just from the top down. Whether it's a global life science corporation or a newly emerging biotechnology company, the inherent risks of working in a laboratory remain the same.

AJ uses his diverse knowledge of infectious agents and connects risk factors by empathizing with scientists, from his own laboratory experience as a bacterial spore microbiologist. His core belief in building safety culture is through education and risk awareness. Over his 10 years of working in life science laboratories, Dr. Troiano has served various institutions as Biosafety Officer, CDC Federal Select Agent Program Responsible Official, Scientific Consultant, and Biomedical Scientist.

Sean G. Kaufman

Sean is the founding partner of Safer Behaviors, an internationally recognized company known for innovative behavioral safety change. He is not only a world-renowned expert in human behavior but he is also an author, strategic business consultant, and a keynote speaker. Traveling globally throughout his career, Kaufman addresses human risk factors using behavioral science for those working with and around infectious diseases.

He is well known for his leadership during several epidemic outbreaks including HIV, Anthrax, SARS (2003), H1N1, Ebola, and COVID-19. Through on-line and in-person training programs, he provides engaging, thought-provoking and sound information – to empower those affected.

Before devoting his work full-time to Safer Behaviors all over the world, his strategic approaches have allowed him to serve during the September 2001 Terrorist Attacks and Anthrax Attacks with his tenure at the Centers for Disease Control and Prevention, manage the Emory Healthcare Isolation Unit for the treatment of the first two Ebola cases in the United States of America, provide crisis coaching for family members of the MH370 tragedy in Malaysia, and testify in Congress identifying systematic issues to help leading high-containment laboratories.