The Biosafety and Biosecurity Training Course® (BBTC) was founded in 2004, by Dr. Robert (Bob) Ellis. The ABSA BBTC Fort Collins partnership was initiated in 2020. Each year the sessions are updated, improved, and new topics are added. Recent additions include preparations for audits and inspections, BSL-2/BSL-3 buildings design and operations; clinical and public health lab biosafety; prion disease research biosafety; and field investigations biosafety. Participants will receive intensive and engaging training on most aspects of biosafety and biosecurity, including exercises, a tour, audit and inspection discussions, and Q&A discussions. All lunches and an off-site dinner on Tuesday will be provided.

The BBTC emphasizes the ethics and principles of biosafety. Worldwide, the BBTC is without equal in providing an overall basis for Animal, Plant, and General Biosafety and Biosecurity Program Management.

OBJECTIVES

Upon completion of the course, participants will be able to:

Animal Sessions
- Describe the latest facility design for animal containment in large and small facilities
- Explain biosafety in prion disease research
- Summarize biosafety for field investigations

General Sessions
- Understand and discuss the general principles of biosafety and biosecurity
- Discuss biosafety management, select agent regulations, emergency response, risk assessment and management
- Explore inspection and audit preparations, dual use research of concern, biosafety cabinet certification, insectary design and management, clinical and public health biosafety and biosecurity

Plant Sessions
- Distinguish how crop security networks and plant diagnostic laboratory’s function
- Discuss basic greenhouse design and management
- Identify the principles for transgenic plant and infectious disease research containment and synthetic biology
- Describe the USDA permit policies and procedures and plan a disease diagnostic lab network

WHO SHOULD ATTEND?

This course is intended for those biosafety professionals in the middle to expert level of the profession. Disciplines represented include biosafety, biosecurity, laboratory designers, laboratory management, program managers, vivarium management, maintenance and engineering. Participants include individuals from universities, private industry, and government. ABSA Principles & Practices of Biosafety® is a recommended prerequisite.
AGENDA (subject to change)

Registration and Opening Reception (August 7 5-7pm)

Animal Biosafety Session 1.5 days (August 8-9)
- Large animal ABSL-2/ABSL-3 facilities design, containment, and management
- Laboratory animal ABSL-2/ABSL-3 facilities design, containment, and management
- Prion disease research biosafety
- Field investigations biosafety
- Inspection preparations

Comprehensive Biosafety Session 2 days (August 9-11)
- Risk assessment and risk management application
- Select Agent regulations and program administration
- Design and management of insectaries
- HEPA filters and biosafety cabinet certification
- Preparations for audits and inspections
- Clinical and public health labs biosafety
- BSL-2/BSL-3 buildings design and operations
- Dual use research of concern
- Ethics and Culture of Biosafety

Plant Biosafety Session 1.5 days (August 11-12)
- Greenhouse design, management, and tour
- Regulations and permit procedures
- Containment of recombinant plants and synthetic biology
- Infectious disease research with plants
- Biopharmaceuticals
- Plant disease diagnostic lab network
- Diseases of crops

COURSE DIRECTOR

Robert P. Ellis, PhD, CBSP (ABSA)
Dr. Robert Ellis, BS Microbiology (Wyoming); MS and PhD, Microbiology and Immunology (Purdue), is the Director of Biosafety and Professor, Department of Microbiology, Immunology, and Pathology at Colorado State University. Bob is a Certified Biological Safety Professional, a Diplomate, American College of Veterinary Microbiologists (Honorary) and was the ABSA President in 2008-2009. Bob received the Everett Hanel, Jr., ABSA Presidential Award in 2015, and the 2020 Arnold G. Wedum Distinguished Achievement Award from ABSA International. He has extensive experience in the design, construction, and operation of BSL-2 and BSL-3 facilities and is recognized nationally and internationally for his knowledge and practical application of biosafety practices and principles.

COURSE FEES

ALL SESSIONS—ANIMAL, GENERAL, AND PLANT

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ANIMAL AND GENERAL SESSIONS

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GENERAL AND PLANT SESSIONS

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CONTACT HOURS

This course has been approved for 5.0 CM points toward RBP/CBSP recertification. ABSA International is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This course is approved for 37.5 P.A.C.E.® contact hours.

ACCOMMODATIONS

A block of rooms has been reserved for ABSA International at the Hilton Fort Collins

HILTON FORT COLLINS
425 West Prospect Road
Fort Collins, CO 80526
To make reservations: 970-482-2626
Booking early allows us to make sure that all participants receive the same discounted rates. The block of rooms will be available until sold out or July 20, 2022 whichever comes first.

ABSA BBTC FORT COLLINS®

Name (First, Middle Initial, Last): ________________________________________________

Degree(s): __________________________ Position Title: ____________________________

Affiliation:  Adam St. Lab

Address:  2300 Main St, Portland, OR 97201

City: ______________________ State: ________ Country: __________ Zip/Postal Code: ______

Phone: __________________________ Fax: _______________________________________

E-mail: __________________________

Emergency contact (include phone number): _______________________________________

How many years of work experience? ______ How many years specifically involved in biosafety? ______

**Dietary Restrictions:** At each meal, several options will be presented; however, not all meals may be suitable for all persons. We will do our best to accommodate your *reasonable* requests. We regret that we cannot accommodate last-minute or onsite requests.

- vegan (strictly vegetable products)
- vegetarian (dairy, egg okay)
- lactose-intolerant (no dairy)
- gluten-free

**Payment:**

All Sessions—ABSA Member $2,600 U.S.D. Nonmember $2,850 U.S.D.

Animal and General—ABSA Member $2,100 U.S.D. Nonmember $2,350 U.S.D.

General and Plant—ABSA Member $2,100 U.S.D. Nonmember $2,350 U.S.D.

Check enclosed (drawn in a U.S. Bank on U.S. funds; made payable to ABSA International)

Visa  MasterCard  American Express

Credit Card Number: __________________________ Exp. Date: _______________

Name on Credit Card: ___________________________________________________________________

Confirmed, paid participants will be sent detailed information about the course, location, and other items of interest. Substitutions allowed with notice by July 12, 2020. There is a 15% processing fee for cancellations received before July 11, 2022. Cancellations between July 11, 2022 and July 18, 2022 will be refunded at 50% of the course fee. No refunds will be given after July 18. Cancellation fees may be waived if there is a waiting list and a replacement can be made - 15% processing fee will apply.

**Register by mail or fax:**  or online:

ABSA International

1200 Allanson Road

Mundelein, IL 60060-3808

Phone (toll free): 1-866-425-1385

Fax: 847-566-4580

E-mail: info@absa.org

www.absa.org/