

REGISTRATION FORM

PLEASE PRINT

Attendee name: _____

Salutation Name _____

Affiliation _____

Street Address _____

City/State/Zip _____

Phone: _____ Fax: _____

Email: _____

Payment Method: Check (payable to TERA)

VISA or MasterCard

I have read and understand TERA's cancellation and substitution policy (see inside of brochure)

Course Fee: Take \$100 off if register by 6/1/09!

\$1795 General \$1295 State/Local/Tribal

Return payment and registration form by mail or fax (513-542-7487) to:

Boot Camp Registration
TERA

2300 Montana Avenue, Ste. 409
Cincinnati, Ohio 45211

Card type: ___ Visa ___ MasterCard

Card# _____

Expiration date: _____ Security No. _____

Name on card: _____

Signature: _____

Billing Address: _____

Phone: _____

Please indicate attendee t-shirt size:

___S ___M ___L ___XL ___XXL ___XXXL

3-Day and 4-Day Courses Available!

Boot Camp is also available for private training courses and can also be presented in a 3-day or 4-day format.

Boot Camp Course Instructors

Andy Maier, Ph.D., DABT
Director, TERA

Dr. Maier has over 15 years of occupational and environmental risk assessment experience and has developed or reviewed numerous toxicity values for EPA, NIOSH, and private sponsors.

Lynne Haber, Ph.D., DABT
Associate Director, TERA

Dr. Haber has over 17 years of experience as a developer or reviewer of human health risk assessments and risk assessment methods for U.S. and international regulatory agencies and private sponsors.

Rick Hertzberg, Ph.D.
Adjunct Assoc. Professor, Emory University

Dr. Hertzberg is a biomathematician who is internationally recognized for innovations and expertise in quantitative methods for environmental health risk assessment for chemical mixtures.

For more information contact:

Patricia Nance, M.A., M.Ed.

513-542-7475 x25

nance@tera.org

This course is endorsed/recognized by:

SOT

Society of
Toxicology

Society for Risk
Analysis (SRA)

Toxicology Excellence for Risk Assessment

Dose-Response Assessment Boot Camp



September 21-25, 2009

Hilton Cincinnati Netherland Plaza
Cincinnati, Ohio

Risk Assessment from

0 to 95% Confidence in 5 days!!

Registration Information

Course Fee

Take \$100 off if you register by June 1, 2009!

General..... \$1,795
State/Local/Tribal Employee \$1,295

Course fee includes

- Tuition
- Take home reference binder
- Morning and afternoon breaks
- Certificate of completion

Payment Policy

Registration is accepted on a first come, first serve basis. Full payment (in US funds) must be received in order to process your registration. To register, please mail or fax (513-542-7487) the enclosed registration form with credit card information or check/money order (payable to TERA) to: Boot Camp Registration, TERA, 2300 Montana Ave, Ste 409, Cincinnati, OH 45211. Please call 513-542-7475 x 10 with questions.

Cancellation/Substitution Policy

Cancellations made on or before July 24, 2009 will be issued a refund less \$150 administrative fee per person. Cancellations received between July 25, 2009 and September 4, 2009 will be issued a refund of 50%. No refunds will be issued after September 4, 2009. Substitutions are allowed with additional charge, but must be made by Tuesday, September 15, 2009. All requests for substitutions or cancellations must be made in writing via email to Patricia Nance at nance@TERA.org.

Accommodations

Hilton Cincinnati Netherland Plaza
35 West Fifth Street
Cincinnati, Ohio 45202

A limited number of sleeping rooms are being held at the Hilton at a rate of \$112/night gov't and \$122/night non-gov't. Call 513-421-9100 and ask for the "TERA Boot Camp" block to get these rates. Reservations must be made by 8/25/09 to receive the discounted room rate.

Course Information

Who should attend?

- Risk assessors and toxicologists who conduct, write, and/or review chemical assessments
- Risk managers or policymakers who use the results of chemical assessments and want to fully understand the processes involved in risk development.

Prerequisites

- Basic understanding of toxicology
- Interest in developing skills in human health risk assessment.

What you should bring

- Laptop
- Calculator

What you will learn

This course is a 5-day intensive hands-on training in hazard characterization and dose-response assessment. Beginners through expert toxicological risk assessors will learn advanced methods, as well as enhance their understanding and skills in the basics. Course lectures will be supplemented with daily hands-on application exercises.

Upon completion of the course, participants will be able to derive and evaluate risk values and supporting documentation for both non-cancer and cancer risk assessments. Five Continuing Maintenance (CM) points will be available from the American Board of Industrial Hygienists (ABIH). This course is endorsed by the Society of Toxicology (SOT).



Toxicology Excellence for Risk Assessment (TERA)

2300 Montana Ave., Ste 409
Cincinnati, Ohio 45211
Phone: 513-542-7475
Fax: 513-542-7487
www.TERA.org

Course Topics—you will learn to:

Non-Cancer and Cancer Risk Assessment Methods

- Critically analyze effect data
- Apply frameworks for evaluating mode of action (MOA) & human relevance
- Understand & apply toxicokinetic data in evaluating MOA & developing risk values
- Synthesize data for hazard characterization & critical effect identification
- Learn latest technologies in risk assessment

Dosimetric Adjustment Methods in Dose-Response

- Develop interspecies oral dose adjustments, conversions for cancer unit risk/slope factor and inhalation exposures, and calculate human equivalent concentrations (HECs) for particles and vapors
- Understand uses of PBPK modeling in risk assessment and issues for its application

Benchmark Dose (BMD) Modeling and Application in Risk Assessment

- Hands-on experience using BMD modeling for all models in EPA software (i.e., dichotomous continuous, cancer, nested)
- Apply BMD modeling, choose models & parameters, select data & run models, and select appropriate BMD as point of departure in a human health assessment

Principles for Application of Uncertainty Factors & Chemical Specific Adjustment Factors (CSAFs)

- Use of uncertainty factors by regulatory groups, use of data to support values other than defaults
- Develop and use CSAFs, as used by IPCS, using mechanistic & toxicokinetic data to replace defaults

Comprehensive Risk Assessment Practice with Peer Review

- Develop, present and review comprehensive non-cancer and cancer assessment over course of week