

# After a Radiation or Nuclear Emergency: Is Your Laboratory Prepared?



## REGISTRATION

### \* FREE REGISTRATION

- This program is sponsored by the Centers for Disease Control and Prevention Laboratory Training Branch.
- Please register as a CDC TRAIN user at <http://cdc.train.org/desktopshell.aspx>
- For more information on how to register for TRAIN, please visit <http://www.cdc.gov/labtraining>
- Once a user profile is setup, register for the webinar at the following link: [After a Radiation or Nuclear Emergency: Is Your Laboratory Prepared?](#)

## ACCESS REQUIREMENTS

In order to participate in this webinar, you will need a computer with internet access and speakers or a headphone to hear the audio.

## DESCRIPTION

In the “All Hazards” approach to emergency response, the radiological and nuclear aspects of CBRN (Chemical, Biological, Radiological, Nuclear) have had less attention than the biological and chemical issues. The recent

nuclear incident in Japan and the continued “dirty bomb” terrorist scenario underscores the need to be prepared for these types of incidents. This webinar will provide information about rapid bioassay methods used for public health emergency response in case of a radiological or nuclear incident as it would be applied to the Public Health Laboratory response component of assessing the public’s contamination or exposure from such an incident. The information from this assessment is critical for guiding the medical management of the truly exposed individuals. This lecture will describe the laboratory requirements for implementing clinical bioassay methods to provide analytical results for the NCRP 161 medical care guidance using the new Clinical Decision Guide (CDG). This guide covers the whole population versus the more restrictive Annual Limit of Intake Guidance (workers only). The overall rapid bioassay schema, sampling limitations, throughput requirements, data quality objectives and specific rapid bioassay methods will be discussed.

## AUDIENCE

This intermediate level webinar is intended for state and local public health laboratory and emergency preparedness personnel.

## OBJECTIVES

At the conclusion of this program, participants will be able to:

- Discuss the complexities and requirements of the laboratory response to a variety of radiological or nuclear incidents.
- Discuss the variety of analytical methods required to be able to rapidly detect, identify, and quantify many of the priority radionuclides that may be involved in a radiological or nuclear incident.

## COURSE NUMBER

P.A.C.E Course Number: 288-001-14  
FL Course Number: 20-427730



# WEBINAR AGENDA



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WEBINAR



## SPECIAL NEEDS

In compliance with the Americans with Disabilities Act (ADA), individuals seeking special accommodations should submit their request in writing to [eqj3@cdc.gov](mailto:eqj3@cdc.gov) or phone 404-639-6347 at least two weeks before the program.

Please allow sufficient time for CDC to make arrangements which is normally at least three weeks prior to start date of course.

## QUESTIONS

Please go to the CDC Laboratory Training Branch website (<http://www.cdc.gov/labtraining>).

If you do not find the answer there please contact us through the Contact us section.

## FACULTY

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## CONTINUING EDUCATION

The Centers for Disease Control and Prevention Laboratory Training Branch is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This program is approved for 1.0 hour of P.A.C.E.® credit.

This course is approved for 1.0 contact hour in the category of Radioassay/Nuclear Medicine for Florida Laboratory Licensees.