

Courses in Handling Radiation Emergencies



REACTS

Radiation Emergency Assistance Center/Training Site
Oak Ridge Institute for Science and Education
Sponsored by the U.S. Department of Energy
www.ora.gov/reacts



Handling Radiation Emergencies by Emergency Department Personnel

October 19-22, 2004
January 25-28, 2005
March 8-11, 2005

April 5-8, 2005
May 3-6, 2005
September 13-16, 2005

This 3 1/2-day course is intended for physicians, nurses, and physicians' assistants who may be called upon to provide emergency medical service in the event of a radiation emergency. The course emphasizes the practical aspects of handling a contaminated victim by discussing the fundamentals of radiation, how to detect and measure it, how to prevent the spread of contamination, how to reduce the radiation dose to the victim and attending personnel, and the role of the medical/health physicist in caring for contaminated victims. Additional topics include nuclear terrorism, mass casualty management, and combined injuries in radiation emergencies. Demonstrations, laboratory exercises, and a drill will complement the didactic presentations.

Maximum enrollment: 20

Health Physics in Radiation Emergencies

February 14-18, 2005
June 6-10, 2005

August 22-26, 2005

This 4 1/2-day course is intended for health physicists and radiation protection technologists who may be called upon to respond to emergencies involving radioactive materials and injury to personnel. The major topics covered are radiological emergency procedures and the role of the health physicist in a medical environment. Demonstrations, laboratory exercises, group problem solving sessions and a drill will complement the didactic presentations.

Maximum enrollment: 20

Medical Planning and Care in Radiation Emergencies

March 14-18, 2005

September 19-23, 2005

This 4 1/2-day course, designed primarily for physicians and physicians' assistants, presents an advanced level of information on the diagnosis and treatment of acute local and total body radiation exposure, internal and external contamination, combined injuries, and multi-casualty incidents involving ionizing radiation. It is recommended that participants have a basic understanding of radiation sciences before attending this course. Demonstrations, laboratory exercises, and group problem solving sessions will complement the didactic presentations.

Maximum enrollment: 26

REACTS is the Radiation Emergency Assistance Center/Training Site. The REACTS staff conducts courses in the handling of radiation emergencies, maintains a research program on human radiation exposure, and provides 24-hour direct or consultative assistance regarding medical and health physics problems associated with radiation emergencies at local, national, and international levels.

Faculty

Oak Ridge Institute for Science and Education

Oak Ridge, TN 37831-0117

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REACTS

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Physician, REAC/TS

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Physician, REAC/TS

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Continuing Education Coordinator

Sue Holloway, R.T.
REACTS

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Health Physics Tech, REAC/TS

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Medical Section Leader, REAC/TS

Robert C. Ricks, Ph.D.
Director, REAC/TS

Steve Sugarman, M.S., CHCM, RRPT
Health Physicist, REAC/TS

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Physician, REAC/TS

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UT-Batelle
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Oak Ridge, TN 37831

W. A. (Tom) Thomas, Ph.D., J.D.
Adjunct Professor
Ohio University at Chillicothe
Chillicothe, OH 45601

The Oak Ridge Institute for Science and Education (ORISE) is a U.S. Department of Energy facility focusing on scientific initiatives to research health risks from occupational hazards, assess environmental cleanup, respond to radiation medical emergencies, support national security and emergency preparedness, and educate the next generation of scientists. ORISE is managed by Oak Ridge Associated Universities.

Accreditation:

The Oak Ridge Institute for Science and Education (ORISE), is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. ORISE takes responsibility for the content, quality, and scientific integrity of this ACCME activity. Respective courses are also accredited by the American College of Emergency Physicians and the American Academy of Health Physics.

Funding for REAC/TS courses is provided by the U.S. Department of Energy.

These courses are based on work performed under Contract No. DE-AC05-00OR22750 between the U.S. Department of Energy and Oak Ridge Associated Universities.

REAC/TS Registration Form

Handling Radiation Emergencies by Emergency Department Personnel (\$75)

- October 19-22, 2004
- January 25-28, 2005
- March 8-11, 2005
- April 5-8, 2005
- May 3-6, 2005
- September 13-16, 2005

Health Physics in Radiation Emergencies (\$90)

- February 14-18, 2005
- June 6-10, 2005
- August 22-26, 2005

Medical Planning and Care in Radiation Emergencies (\$90)

- March 14-18, 2005
- September 19-23, 2005

General Information

Travel, food, and lodging arrangements/expenses are the responsibility of course participants. Local lodging and transportation information will be sent to registered applicants.

Please do not send incidental fee until notified of acceptance in a course. The incidental fee must be paid at least three weeks before the course begins or your name will be removed from the course roster and another applicant will be admitted.

Make checks payable to: **Oak Ridge Associated Universities**

A \$25 administrative fee will be charged for a cancellation received less than two weeks before a course begins. We regret that we cannot refund the fee if cancellation is received once the course is in progress.

NOTE: Incidental fees specified in this brochure are subject to change. All applicants will be notified promptly of any changes.

Non U.S. citizens should apply early. Special forms are required.

Courses fill rapidly. Early registration is recommended. Placement on a "waiting list" does not imply acceptance in any course. A new application must be submitted yearly.

Registrations are accepted by mail or online. The registration form will be available online starting August 20, 2004, at our website www.ornl.gov/reacts. Mail registration form to:

L. Gail Mack, Registrar
REAC/TS, MS 39
Oak Ridge Institute for Science and Education
P.O. Box 117 • Oak Ridge, TN 37831-0117
Telephone: (865) 576-3132
E-mail: mackg@ornl.gov (information only)

Name: Last First Middle Initial Degree

Name as it should appear on badge: _____

Home Address _____

City State Zip Code Country

Home Telephone: () - Area Code Telephone Number Citizenship: [] U.S. [] Other: _____

Sponsoring Organization (nuclear power utility, health department, state or federal agency, or other): _____

Employer: _____

Occupation (e.g., physician, nurse, etc.): _____

Work Address: _____

City State Zip Code Country

Work Telephone: () - Area Code Telephone Number Work FAX Number: () - Area Code Fax Number

Principal interest: [] Occupational health [] Administration [] Radiological health
[] Radiology or nuclear medicine [] Emergency medical services [] Other _____

ORAU/ORISE and its facilities meet the intent of the Americans with Disabilities Act (ADA). Please let us know in advance of any special needs you may have by stating your request here: _____

PLACE
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REAC/TS
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Oak Ridge, TN 37831-0117
ATTN: Registrar



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