

“ I was very impressed with your capabilities and how you deliver your training. It certainly has opened my eyes and answered lots of questions. - **Emergency Response Manager, United Kingdom**

I consider REAC/TS a national treasure. There are very few agencies so well-prepared to respond to emergencies and available 24/7 to health care providers across the country. - **Physician/Medical Toxicology Division Chief, United States** ”



Customized Courses offered

In addition to the REAC/TS courses offered throughout the year at its facility in Oak Ridge, Tenn., REAC/TS also offers customized outreach courses, both within the U.S. and globally, to meet the specific needs of an organization.

Faculty

Subject matter experts with extensive backgrounds in the medical management of radiation illnesses and injuries lead our courses. Faculty is comprised of REAC/TS physicians, nurse/paramedics, health physicists, and cytogeneticists/radiobiologists, and is complemented by affiliate faculty from universities, government organizations, and other agencies across the United States.

About REAC/TS

REAC/TS is an Oak Ridge Institute for Science and Education (ORISE) facility managed by Oak Ridge Associated Universities (ORAU) for the U.S. Department of Energy with the mission to strengthen the medical response to radiological and nuclear incidents. REAC/TS provides 24/7 medical support and deployment capabilities to provide emergency medical consultation for worldwide incidents involving ionizing radiation. REAC/TS also conducts ongoing research into the biological effects of radiation and provides continuing medical education for healthcare providers, other responders and students.

Contact us for more info and to register for a course

Website: <https://orise.orau.gov/reacts>

Email: reacts@orau.org

Phone: 865.576.3131

Phone: 865.576.1005 (after hours/emergency)

REAC/TS

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REAC/TS

Radiation Emergency
Assistance Center/Training Site



Offering accredited courses in:

REAC/TS teaches accredited continuing medical education courses in radiation emergency medicine that include lectures, discussions, hands-on activities and role-playing exercises as course participants learn about the different aspects of the medical management of a radiological/nuclear incident.

- ✓ **Radiation Emergency Medicine**
- ✓ **Advanced Radiation Medicine**
- ✓ **Health Physics in Radiation Emergencies**

Courses are scheduled throughout the year at the unique REAC/TS facility in Oak Ridge, Tenn., or these courses can be customized and taught at locations worldwide, such as hospitals, nuclear facilities, first responder agencies and other sites.

*See full details of course listings:
[https://orise.orau.gov/reacts/
continuing-medical-education/
index.html](https://orise.orau.gov/reacts/continuing-medical-education/index.html)*

Courses

Radiation Emergency Medicine

This 3.5-day course is intended for physicians, physician assistants, nurse practitioners, nurses and other healthcare providers. First responders, emergency management and public health professionals may also find the course beneficial. The course emphasizes the practical aspects of initial hospital management of irradiated and/or contaminated patients through lectures and hands-on practical exercises.

The course focuses on the fundamentals of radiobiology along with the medical care and management of patients involved with radiological and/or nuclear incidents. Topics include radiation physics; radiation detection/measurement/identification; early evaluation and treatment of the acute radiation syndrome (ARS), and cutaneous injuries, contamination control; and mitigating risks to patients, providers and facilities.

All of these principles are incorporated in a hands-on exercise using live patients with mock injuries and transferable radioactive contamination.

Scheduled training dates:

• February 4-7, 2020

• April 21-24, 2020

• August 11-14, 2020

• March 10-13, 2020

• June 9-12, 2020

Fee: \$350

Credits: ORISE designates this live activity for a maximum of 24.5 ACCME AMA PRA Category 1 Credit(s)[™].

Physicians should only claim credit commensurate with the extent of their participation in the activity. This activity is also approved by the American College of Emergency Physicians for a maximum of 24.5 hour(s) of ACEP Category I credit.



“ The class was great and I got even more out of it than I had anticipated. This applies to our job a lot more than any other education about this subject matter that we’ve received.
- Fire Department Captain, United States

The class was very informative and removed fear that was based solely on ignorance. Thank you!
- Emergency/Trauma Nurse, United States ”



Advanced Radiation Medicine

This 4.5-day course includes more advanced information for medical practitioners. This program is academically more rigorous than the Radiation Emergency Medicine course and is primarily for physicians, physician assistants, nurse practitioners and nurses desiring an advanced level of information on the diagnosis and management of ionizing radiation injuries and illnesses. It is an instructive course with some hands-on activities. Group problem-solving is used to emphasize the management of complex cases. *Recent completion of the Radiation Emergency Medicine (REM) course is strongly recommended.*

Scheduled training dates:

• April 27 - May 1, 2020

• August 17-21, 2020

Fee: \$425

Credits: ORISE designates this live activity for a maximum of 30 ACCME AMA PRA Category 1 Credit(s)[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Health Physics in Radiation Emergencies

This 4.5-day course is designed primarily for health physicists, medical physicists, radiation safety officers and others who have radiation dose assessment and/or radiological control responsibilities. The course presents an advanced level of information on radiological/nuclear event reconstruction, dose assessments/estimations and integration of the physics discipline with medicine.

This opportunity allows for interaction with medical practitioners regarding recommendations for the diagnosis and treatment of radiological/nuclear injuries and illnesses. Specific topics include acute local and total body radiation exposure; internal and external contamination; internal and external dosimetry; biodosimetry and bioassay techniques; and public information management.

Demonstrations, exercises and problem-solving sessions complement classroom lectures. It is highly recommended that participants have an understanding of radiation science before attending this course.

Scheduled training dates (registration coming soon)

• March 16-20, 2020

• June 15-19, 2020

Fee: \$425

Credits: The American Academy of Health Physics (AAHP) designates this live activity for a maximum of 36 credits.



Accreditation

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 also are accredited by the American College of Emergency Physicians and the American Academy of Health Physics.

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