

Specialized Radiation Safety Training Courses for:

Nurses Orientation
Housekeeping Staff
Maintenance and Engineering Staff
Police Department
Fire Department
Occupational Medical Service Staff
Animal Studies Personnel
MPW Handlers
Construction Workers

You may request these training courses by contacting the Radiation Safety Training Office at 496-2255.

Radiation Safety for Clinical Center Employees

A great introduction to radiation and radioactive material for new Clinical Center staff not directly handling radioactive material. Training is located online at:

www.nih.gov/od/ors/ds/rsb/clinical.html

Special Clinical Staff Training

The courses below are **mandatory** for those directly involved with the specialized procedures. Contact your Area Health Physicist at 496-5774 to arrange for these classes.

I-131 Therapy for Patient Care Staff
HDR Selectron Therapy Staff
Co-60 Irradiator Users

Frequently Accessed Radiation Safety Websites

Registration

www.nih.gov/od/ors/ds/rsb/register.html

Training Procedures

www.nih.gov/od/ors/ds/rsb/index.html

Dosimeter Evaluation Form

www.nih.gov/od/ors/ds/rsb/forms/dosimetry.pdf

Requirements for Minors

www.nih.gov/od/ors/ds/rsb/minor.html

Declared Pregnancy Form

www.nih.gov/od/ors/ds/rsb/forms/pregnancy.pdf

Monthly Contamination Form

www.nih.gov/od/ors/ds/rsb/forms/8812.pdf

Area Health Physicists

www.nih.gov/od/ors/ds/rsb/hp/index.html

Radioactive Decay Calculator

www.nih.gov/od/ors/ds/rsb/raddkcalc/calcframe.htm

Materials Available from DRS:

Radionuclide Facts (Nuclide Specific)

“Our Radioactive World”

“Informing Research Subjects About Radiation”

“Instructions Concerning Risks from Occupational Radiation Exposure” Reg. Guide 8.29

“Instruction Concerning Prenatal Radiation Exposure” Reg. Guide 8.13

Radiation Safety Training Courses



Radiation Safety Training Office
Division of Radiation Safety
Building 21, Room 236
21 Wilson Drive
Bethesda, MD 20892-6780
Training 301-496-2255
General 301-496-5774

www.nih.gov/od/ors/ds/rsb/index.html

Office of Research Services
National Institutes of Health

Introduction & Registration

Welcome to Radiation Safety Training at the NIH! The Radiation Safety Training Office has numerous tailored courses available to help you understand how radiation and radioactive materials are handled at the NIH. The majority of our courses are offered via our website while others are presented in a classroom setting by our professional staff of Health Physicists.

Each radiation user is required to register with the Division of Radiation Safety so we can maintain records of your training, exposures, and radioactive material handled while at the NIH. You will be given a Radiation Safety identification number. You may contact the Radiation Safety Training Office at 496-2255 to register and arrange to attend the next available course or you may register on the website:

www.nih.gov/od/ors/ds/rsb/register.html.

Radiation Safety Orientation (RSOR)

This course is available and required for new employees who want to start working with radioactive materials right away! Upon completion you will automatically be registered with a Radiation Safety ID number and scheduled for the next available Radiation Safety in the Laboratory (RSL) course. If you do not plan to use radioactive materials before taking the next RSL course, the RSOR is

not required. The RSOR is online at: www.nih.gov/od/ors/ds/rsb/rso/index.html

Radiation Safety in the Laboratory (RSL)

The RSL course is **mandatory** for those planning to use radioactive materials at the NIH and is offered frequently each month. The class is 3 hours long and includes a short quiz on the topics addressed such as methods of internal & external protection, handling spills, purchasing radioactive materials, completing surveys, maintaining records of material use, waste disposal, & maintaining exposures ALARA. Registering for this course is possible by calling the Training Office or via the registration page:

www.nih.gov/od/ors/ds/rsb/register.html

Radiation Safety for Authorized Users (RSAU)

RSAU is offered twice a year for those who wish to order radioactive material and supervise the handling of the materials in the research labs. Individuals interested in taking the RSAU must be nominated by their



Scientific Director. The class is 3 full days & includes a 4 hour final exam. The Authorization process takes about 6 weeks from course completion to approval. Final Authorization is granted by the NIH Radiation Safety Committee.

Radiation Safety for Irradiator Users (RSIU)

For those planning to use irradiators at NIH, this online course is mandatory. Additional training is also required from the Irradiator Custodian or designee specific to the operation and emergency procedures for the irradiator you plan to operate. RSIU training is available online at:

www.ors.od.nih.gov/ds/rsb/rsiu/rsiuhome.htm.

Annual Refresher Courses

Refresher courses are **mandatory** for those individuals who are likely to receive greater than 100 mrem annually. You will be contacted by the Radiation Safety Training office if you are required to attend annual refresher. The following Radiation Safety Refresher courses are offered online:

PET Staff
X-ray Users

Nuclear Medicine Staff
Department of Laboratory Medicine
Authorized User Review

In order to obtain credit for completing the online refresher courses, you must have a radiation safety number.

www.nih.gov/od/ors/ds/rsb/training/index.html