

## **Radiation Safety Officer**

**Organization:** University of Rochester, Environmental Health & Safety, Rochester, NY

**Description:** The University of Rochester is one of the country's top-tier research universities and is the leading employer in Central Western New York. Operating with over 20,000 employees, the University includes a Level 1 Trauma hospital, Medical, Dental, and Nursing schools, and cutting-edge research laboratories.

We are seeking a Radiation Safety Officer to join the Environmental Health and Safety team.

Reporting to the Director of Environmental Health and Safety, the Radiation Safety Officer is responsible for supervising the safe use of radioactive materials and radiation-generating devices at the University of Rochester, Strong Memorial Hospital, and selected off-site locations. Key responsibilities include establishing and maintaining safe radiological working conditions for all University personnel, students, patients, visitors, and the general public and ensuring compliance with all pertinent federal, state, and local regulations.

The Radiation Safety Officer supervises eight technical and administrative support personnel.

### **Duties**

1. Perform general surveillance over all activities involving radioactive material and radiation-producing machines including routine monitoring, inspection, and special surveys of areas in which radioactive material is used or radiation-producing machines are operated.
2. Enforce compliance with rules and regulations, license conditions, and the conditions of permit approval specified by the Radiation Safety Committee.
3. Monitor and maintain systems associated with the use, storage, or disposal of radioactive material.
4. Furnish consulting services on all aspects of radiation safety to personnel upon request.
5. Supervise personal dosimetry program.
6. Oversee job-specific training programs to ensure safe use of radioactive materials and radiation-generating devices.
7. Supervise and coordinate the radioactive waste disposal program, including maintaining waste storage and disposal records and monitoring effluents.
8. Terminate any work or project that is found to be a threat to health or property.
9. Provide periodic inspections of x-ray-generating equipment, including, but not limited to, x-ray machines, CT scanners, fluoroscopes, dental x-ray devices, electron microscopes, x-ray diffraction devices, and other machines that emit x-radiation by design.
10. Provide radiological coverage for medical procedures utilizing large amounts of radioactivity.
11. Recommend the funding structure necessary to ensure that the Radiation Safety Unit can continue to meet all applicable regulatory requirements and maintain high standards for the safe use of radiation and radioactivity.

**Knowledge, Skills and Experience:**

Required

- Masters degree in health physics/radiological science, engineering, or physical science
- Seven to ten years of increasingly responsible leadership in radiation program management in academic and/or medical environments. At least three years should involve management responsibilities.
- Strong verbal and written communication skills
- Ability to identify and complete priority work and manage multiple deadlines

Desirable

- PhD a plus
- Board certification, New York State license, or eligibility for licensure in
  - Comprehensive Health Physics;
  - Medical Nuclear Physics;
  - Diagnostic Radiological Physics; and/or
  - Medical Health Physics
- Qualified to perform quality assurance testing of mammography imaging equipment in accordance with the Mammography Quality Standards Act

**Competencies:** Thorough understanding of the federal, state, and local radiological and environmental regulations that apply to University operations.

Must be authorized to work in the United States.

If interested, please use the application process on the University of Rochester's website - <http://www.rochester.edu/people/applyonline/> - and reference position ID number 169794.