

# Radiation Scientist

**Location:** Toronto, Ontario (National Office and Training Centre)

**Employment Type:** Full-time, permanent

**Work Arrangement:** Hybrid, 2 days per week in office; some travel throughout the year

**Reports to:** Director of Education

**Compensation:** \$75,000 - \$82,000 per year, commensurate with education and experience

**Tentative start date:** September 1, 2026

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## About the Radiation Safety Institute of Canada

Founded in 1980, the Radiation Safety Institute of Canada (RSIC) is an independent, non-governmental, national organization dedicated to promoting and advancing radiation safety in the workplace, in the environment, and in the community. Our commitment to the principle of “Good Science in Plain Language”® underpins everything we do. We offer a broad range of educational, technical, and scientific services to businesses, organizations, and individuals across Canada and around the world. RSIC is non-partisan and a registered charity, with our National Office and Training Centre located in Toronto.

## About the Role

We are growing our Toronto team and adding a new Radiation Scientist position. This role will work closely with our Director of Education, supporting both real-time (in-class) and eLearning radiation safety course offerings. The role will also build a working knowledge of the broader Radiation Scientist function, including field surveys, technical reporting, and client consultation, so the team has flexibility and depth across its programs.

We're looking for a self-starter who is flexible, responsible, and comfortable presenting in front of a class, both online and in person. As subject-matter experts, our scientists lead all content, training, and technical work. You'll have the opportunity to be trained and to grow within the organization as you build expertise in radiation safety science and education. New graduates are encouraged to apply.

This is a genuine new position, created to support the continued growth of our education programs and consulting services. It is not a replacement for an existing role.

## What You'll Do

- Support the Director of Education in the delivery and ongoing development of in-class radiation safety courses and curricula
- Assist in the development and maintenance of eLearning courses and platforms
- Provide backup support for training course logistics
- Build familiarity with radiation, X-ray, and electromagnetic field measurement and survey work, supporting colleagues as needed
- Assist clients with CNSC license applications, radiation safety protocols, and manuals
- Produce clear, accurate technical reports based on survey data and scientific analysis
- Participate in scientific and technical meetings to support program development and continuous improvement

- Respond to public and technical inquiries about radiation safety and radiation exposure
- Contribute content to the Institute's social media
- Stay current with evolving standards, emerging technologies, and regulatory developments relevant to radiation safety
- Perform other scientific/technical duties as required

## **Required Qualifications**

- M.Sc. in physics or a related field
- Familiarity with radiation physics
- Demonstrated ability or aptitude for teaching and presenting educational or training material of a scientific nature, in person and online
- Excellent written and oral communication skills in English
- Excellent analytical and critical thinking skills
- Ability to work both independently and collaboratively as part of a team
- Proficiency with Microsoft Office and Adobe Acrobat applications
- Legally entitled to work in Canada on an ongoing basis
- Valid driver's licence

## **Desired Qualifications and Experience**

- Specialization in health, medical, nuclear, laser, or applied physics or nuclear engineering
- Experience in scientific data analysis
- Experience writing technical reports and publications
- Experience with eLearning development or learning management systems
- Familiarity with CNSC licensing procedures
- Experience in teaching or training administration
- Basic coding or web design skills (e.g., HTML/CSS)
- Bilingual (English/French) is an asset but not required

## **Compensation and Benefits**

- Salary range: \$75,000 - \$82,000 per year, depending on education and experience
- Comprehensive benefits package including dental, extended health care (prescription, hospital care, prescription eye care, employee counselling services, insurance options, etc.)
- Paid vacation, accrued at 1.5 days per month worked
- Enrollment in RSIC's defined benefit pension plan after three months of continuous employment
- Professional development opportunities

## **Additional Information**

- We do not use artificial intelligence to screen, assess, or select applicants for this position. All applications are reviewed by our team directly.
- Canadian work experience is not required for this role.
- This posting reflects a genuine, currently available position.
- We aim to notify all interviewed candidates of the outcome of their application within 45 days of their interview.

## How to Apply

Please send your application by email in the form of a resume and cover letter with a subject “**Toronto Radiation Scientist**” outlining how your education and experience align with the role by July 23<sup>rd</sup> to [info@radiationsafety.ca](mailto:info@radiationsafety.ca).

We encourage you to apply early as this position will be filled as soon as a suitable candidate is identified.

We thank all applicants for their interest; however, due to the typical volume of applications received, only those selected for an interview will be contacted.

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*The Radiation Safety Institute of Canada is an equal-opportunity employer. Accommodations are available upon request for candidates participating in all aspects of the selection process.*