

# NUCLEAR MEDICINE TECHNOLOGIST

Nuclear medicine, PET and molecular imaging technologists are highly specialized healthcare professionals who work closely with nuclear medicine physicians. Nuclear medicine technologists have several primary responsibilities including preparing and administering radioactive imaging compounds (known as radiopharmaceuticals) and administering adjunctive medications to perform patient imaging procedures using sophisticated instrumentation that looks into a person's body. They also process data and enhance digital images using advanced computer technology, provide images, data analysis, and patient information to the physician for diagnostic interpretation. Nuclear medicine technologists work with doctors and healthcare leaders to evaluate new procedures for appropriateness in specific clinical settings and patient populations, and recently took on a more active role in radiopharmaceutical therapy, in an emerging field called theranostics.



## SALARY RANGE

**\$60,000 – \$170,000+**

Nuclear medicine technologists earn **competitive salaries** with benefits such as **health insurance**, **retirement plans**, and **paid time off**. These may vary based on **work setting**, **location**, and **experience**.



## JOB GROWTH

The field of **nuclear medicine technology** is expected to experience rapid **job growth**, resulting in a high demand for **qualified professionals**. The projected job outlook is an **8% growth** over the next **five years**.



## ADVANCEMENTS IN THE FIELD

**Nuclear medicine** is advancing rapidly with the development of **new radiopharmaceuticals**, cancer-detecting and cancer-killing agents, and technology like **molecular imaging** and **fusion imaging**. These advancements will continue to revolutionize modern **clinical medicine**.



## EDUCATION

To become a **nuclear medicine technologist**, you need at least **two years of post-secondary education**, with a competency-based curriculum that includes **science** and **math education** and **clinical experience**. There are more than **68 accredited Nuclear Medicine Technology programs** to choose from, with varying **prerequisites**. You can view all programs via this link: [www.jrcnmt.org/programs](http://www.jrcnmt.org/programs).



## PRN VS. FULL TIME

- |                       |                            |
|-----------------------|----------------------------|
| • Flexible Schedule   | • Set Schedule             |
| • Higher Hourly Wage  | • Steady Income + Benefits |
| • Supplemental Income | • Career Advancement       |
| • Work-Life Balance   | • Job Security             |



## GRANTS & AWARDS

SNMMI donates **\$400,000+** annually to support nuclear medicine, molecular imaging, therapy, **professional development** and **research**. SNMMI **Grants and Awards Program** provides global recognition for outstanding achievements and contributions to society. View and apply for grants and awards at [www.snmmi.org/grants](http://www.snmmi.org/grants).

Stay updated on the latest Nuclear Medicine Career news and resources via:

