

[toolbox](#) > [view/edit my job requisitions](#) > Edit Options

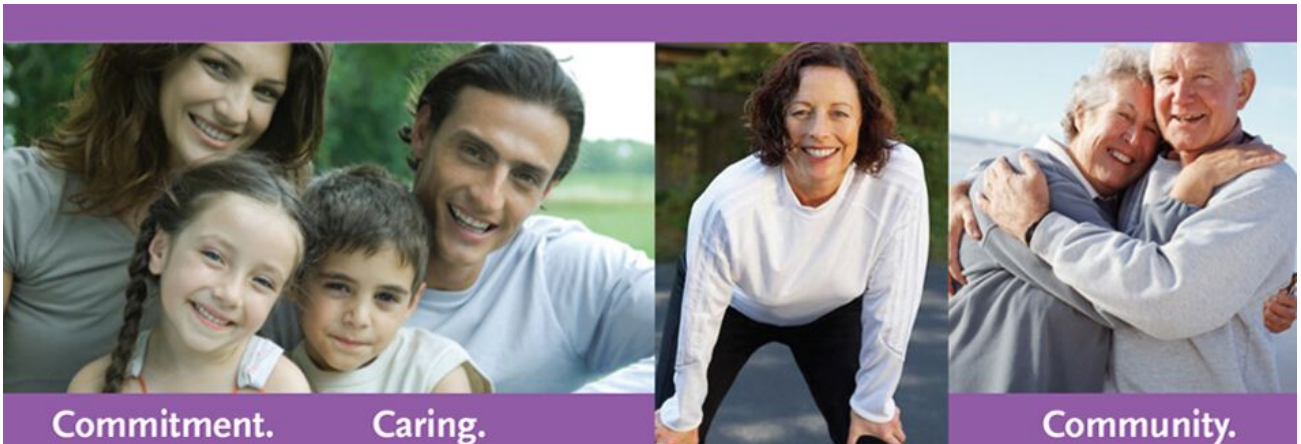
Edit Options

[Edit Job
Details and
Description](#)

[Edit Skills
and
Experience
Requirements](#)

[Edit Posting
Plan](#)

[Run Live
Match](#)



Commitment.

Caring.

Community.



BC Cancer is committed to providing a comprehensive, provincially-planned and regionally-delivered cancer control system for the residence of British Columbia. Its mandate covers the full spectrum of cancer care from prevention, screening, diagnosis and treatment, to research and education, to supportive and palliative care. BC Cancer provides care closer to home by operating six regional cancer centres in Abbotsford, Kelowna, Prince George, Surrey, Vancouver, and Victoria. Research centres in Vancouver and Victoria ensure that BC Cancer can quickly translate new discoveries into clinical applications leading to better outcomes and care.

BC Cancer is currently engaged in a Clinical & Systems Transformation (CST) project, which will improve the safety, quality and consistency of patient care as well as streamline processes for care providers and clinicians through a common electronic health record.

BC Cancer is part of the **Provincial Health Services Authority (PHSA)** which plans, manages and evaluates speciality and province-wide health care services across BC. PHSA embodies values that reflect a commitment to excellence. These include: **Respect People • Be compassionate • Dare to innovate • Cultivate partnerships • Serve with purpose**

Radiopharmaceutical Chemistry Technician RA3

Reference # 74303

Temporary Full Time (Until Sept 2022)

Vancouver, BC

Under limited supervision, the Radiopharmaceutical Chemistry Technician (RA3) prepares routine radiopharmaceuticals for the Centre of Excellence for Functional Cancer Imaging. The Technician is responsible for producing a daily supply of radiopharmaceuticals to meet the scheduled workload at the PET facility while ensuring that all procedures and protocols for radiopharmaceutical production are followed accurately. This requires the daily coordination of the production of the required quantity of radioisotopes from the cyclotron, production of radiopharmaceuticals using a manual methods or synthesis modules, completion of required quality controls and documentation of all results. The Technician troubleshoots and resolves technical equipment problems as necessary in order to maintain daily radiopharmaceutical output and clinical or research patient throughput. The Technician assists in the development of standard operating procedures that will help establish GMP-compliance for the facility as a producer/distributor of PET radiopharmaceuticals. This responsibility includes providing orientation to new radiochemistry staff and contributing to the preparation of scientific papers or grant applications as required. Works collaboratively on research activities with external groups as required.

This position is grant-funded for 4 years with possibility of extension to 5 years, for the purpose of production of Lu-177 and Ac-225 labelled radiopharmaceuticals in development of new radiotherapies. Majority of time will be spent at TRIUMF - Canada's particle accelerator centre, due to collaborative nature of the project.

Duties and Accountabilities Include:

- Under limited supervision, prepares radiopharmaceuticals for research and/or human use following established protocols and Good Manufacturing and Laboratory Practices. Prepares the various reagents used in the syntheses of the above compounds if not available in commercial kits.
- Under limited supervision, performs quality control measurements using various analytical chemistry techniques and equipment for verifying the purity of substances used and prepared. Performs quality control on radiopharmaceuticals, documents results, and communicates results with appropriate members of the Functional Imaging team.
- Sends radiopharmaceutical samples to appropriate facilities for post-production quality control.
- Coordinates required cyclotron beam time needed with staff based on scheduled patient workload.
- Maintains chemical and medical supply inventory as needed for daily radiopharmaceutical production.
- Performs routine maintenance as needed or scheduled on related equipment such as the automated synthesis modules, gas chromatograph, HPLC systems, TLC scanner and other similar equipment.

- Maintains records for internal record keeping and to meet regulatory requirements in compliance with current Good Manufacturing Practice as required.

QualificationsEducation, Training, and Experience

- An equivalent combination of education, training, and experience equivalent to a Bachelor's of Science degree in Chemistry or Pharmaceutical Sciences and a minimum of five (5) years recent related experience in a chemistry/pharmaceutical research laboratory.
- Current certification for the Transportation of Dangerous Goods (Class 7 Radioactives). Work experience in a PET radiopharmaceutical laboratory would be an asset.

Skills and Abilities

- Demonstrated experience/training in the safe handling of radioactive materials.
- Demonstrated synthetic chemistry skills and a working knowledge of solid analytical chemistry techniques.
- Ability to write technical scientific papers or grant proposals.
- Strong communication skills in English (written and oral). Physical ability to perform the duties of the position.

Applications will be accepted until position is filled.

We invite you to apply by clicking on the "**Apply Online Now**" button where you can register for the first time or enter your Username and Password in order to re-access your profile on our system.

For more information on all that the PHSA has to offer, please visit: <http://jobs.phsa.ca>

For more information about the Agency that you are interested in, please visit the website at <http://www.bccancer.bc.ca/>

The PHSA is committed to employment equity and hires on the basis of merit. We encourage applications from all qualified individuals, including Aboriginal peoples, persons with disabilities and members of visible minorities.

www.bccancer.bc.ca

www.phsa.ca

Copyright 2018, All Rights Reserved