



TRIUMF IS CANADA'S PARTICLE ACCELERATOR CENTRE

Established in 1968 in Vancouver, TRIUMF is Canada's particle accelerator centre. The laboratory is a hub for science and innovation inspired by a half-century of ingenuity in answering nature's most challenging questions. From hunting for the smallest particles in our universe to advancing the next generation of batteries or developing isotopes to diagnose and treat disease, TRIUMF drives discovery and innovation to build a better world.



4004 Wesbrook Mall
Vancouver BC V6T 2A3 Canada

www.triumf.ca
[@TRIUMFLab](https://twitter.com/TRIUMFLab)



Discovery,
accelerated

WHAT DRIVES US

OUR VISION

Our vision is for Canada to lead in science, discovery, and innovation, improving lives and building a better world.

OUR MISSION

Our mission is to serve as Canada's particle accelerator centre. We advance isotope science and technology, both fundamental and applied. We collaborate across communities and disciplines, from nuclear and particle physics to the life and material sciences. We discover and innovate, inspire and educate, creating knowledge and opportunity for all.

OUR WORK

SCIENCE AND TECHNOLOGY

TRIUMF's multidisciplinary expertise and state-of-the-art infrastructure enable the Canadian science and technology community to carry out internationally recognized cutting-edge research. Our ground-breaking discoveries drive Canada's contributions to extending the frontiers of knowledge.

PEOPLE AND SKILLS

TRIUMF offers a unique training ground for the next generation of science and innovation leaders. We educate students at all levels, providing them with the skills needed to succeed in the knowledge economy.

INNOVATION AND COLLABORATION

As a hub for discovery and collaboration, we link leading universities and research centres across the country and act as Canada's gateway to international big science projects.

OUR PLATFORMS

Our world-leading science is grounded in three new platforms that will grow the lab's capacity and enrich its ability to serve as a hub for multidisciplinary science and innovation:

ADVANCED RARE ISOTOPE LABORATORY (ARIEL)

A large-scale complex of rare isotope facilities that enable world-class research on the nature of atomic nuclei, the origin of the heavy chemical elements, the properties of quantum materials and biomolecules, the use of medical isotopes for the imaging and treatment of disease, and more.

INSTITUTE FOR ADVANCED MEDICAL ISOTOPES (IAMI)

A state-of-the-art facility for the research and development of next-generation, life-saving medical isotopes and radiopharmaceuticals.

TRIUMF INNOVATIONS

The business interface and commercialization arm of TRIUMF that translates science and innovation to society.

TRIUMF'S RESEARCH ACTIVITIES

Macro to micro: Accelerating discovery and innovation by connecting the study of the vast with the study of the very, very small

Inner Space



Outer Space



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Member Universities

University of Alberta
University of British Columbia
University of Calgary
Carleton University
University of Guelph
University of Manitoba
McGill University

McMaster University
Université de Montréal
University of Northern
British Columbia
Queen's University
University of Regina
Saint Mary's University

Université de Sherbrooke
Simon Fraser University
University of Toronto
University of Victoria
Western University
University of Winnipeg
York University

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