



Canada's National Laboratory for Particle and Nuclear Physics

In many fields of research, especially nuclear and particle physics, the quest to unlock deeper secrets exceeds the resources of a single institution. Formed in 1968 to provide these resources in Canada, TRIUMF was launched by three BC universities and has grown to be a truly national laboratory that is an integral part of the Canadian research system. TRIUMF engages Canada from coast to coast with seven full member universities and six associate members. It has also expanded from nuclear physics to include particle physics, molecular and materials science, and life sciences. It has attained an international reputation as a world class facility with preeminent stature in research. A leader in knowledge transfer, TRIUMF is also a springboard for increasing commercial and industrial opportunities for Canadians and for contributing to advancements in health research.

Gateway to International Science and Technology

As a national laboratory on the global stage, TRIUMF is Canada's keystone in international subatomic-physics and provides a specialized facility for the international molecular and materials science community. It enables Canadian scientists to make leading contributions in international science projects both in Canada and abroad. Faculty from member universities work alongside TRIUMF scientists on these collaborations and are identified and recognized as world leaders in their field of expertise. By participating in international cutting-edge projects, Canadian researchers not only maximize their impact but also access developments across the globe.

Partners in Research

TRIUMF provides essential high-tech infrastructure and design resources on a scale not available at Canadian universities. This is critical in particle and nuclear physics due to the size and complexity of experiments. Highly skilled TRIUMF engineers and technicians are deployed across the globe to work on systems or components. TRIUMF scientists and member university faculty provide advanced research opportunities for graduate and undergraduate university students from across the country, from Saint Mary's in Halifax to the University of Victoria, training young researchers who will have future opportunities to contribute to Canada's science program. Each year the laboratory attracts over 500 researchers, postdoctoral fellows, and students from outside Canada who collaborate with Canadian scientists in research. Over 2,000 visitors come to TRIUMF every year to visit and tour the facility.

Membership has Advantages

TRIUMF is focused. In order to deliver world-class science and maintain its international reputation, the laboratory relies on the involvement of and input from its members in setting the priorities of the research program. This involvement begins with the appointment on the Board of Management with voting privileges for the strategic direction of TRIUMF. Membership in the TRIUMF consortium provides the opportunity not only to enhance the synergy among the laboratory and its member universities, but it also grants instant access to a network of international scientific leaders and decision-makers, cutting-edge research results and technology and highly skilled technical and engineering support. Membership can also offer joint or reciprocal faculty appointments.

Be a part of the future...Be a part of TRIUMF.

Members

University of Alberta
University of British Columbia
Carleton University
University of Manitoba
Université de Montréal
Simon Fraser University
University of Toronto
University of Victoria



Associate Members

University of Guelph
McMaster University
Queen's University
University of Regina
Saint Mary's University
York University