

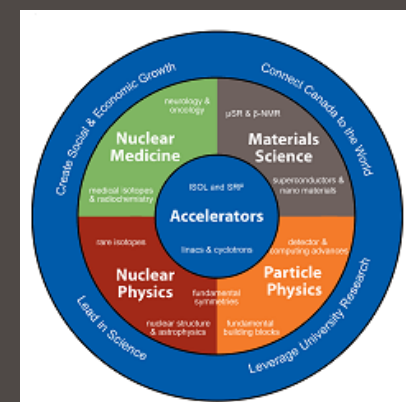
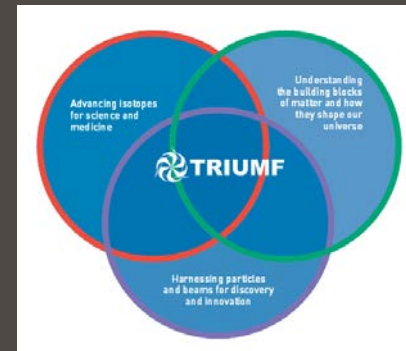
Accelerating Science and Innovation for Canada

TRIUMF Alumni & Retirees Association | November 26, 2015

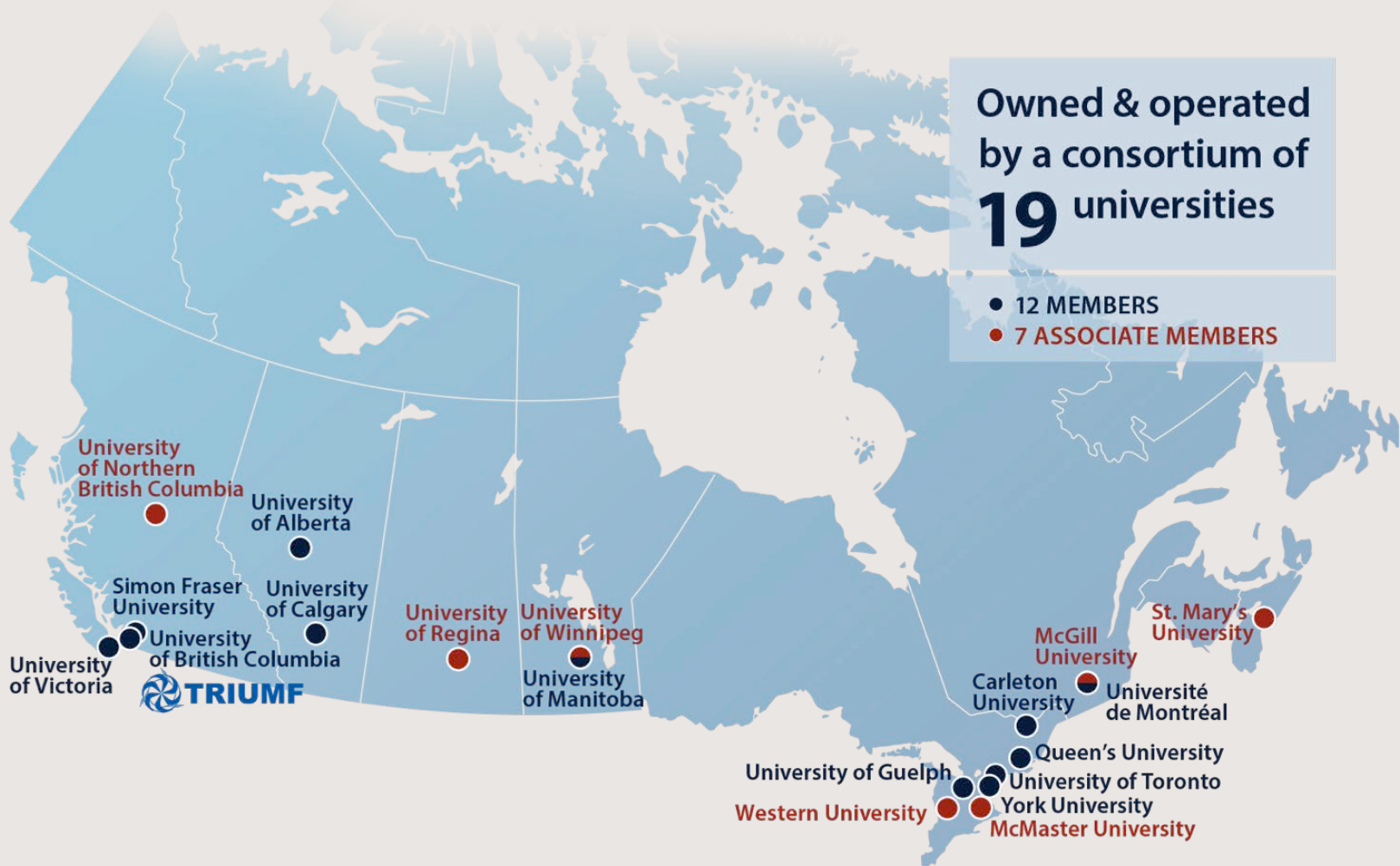
Jim Hanlon | Chief Administrative Officer

Accelerating Science for Canada
Un accélérateur de la démarche scientifique canadienne

Owned and operated as a joint venture by a consortium of Canadian universities via a contribution through the National Research Council Canada
Propriété d'un consortium d'universités canadiennes, géré en co-entreprise à partir d'une contribution administrée par le Conseil national de recherches Canada



Membership

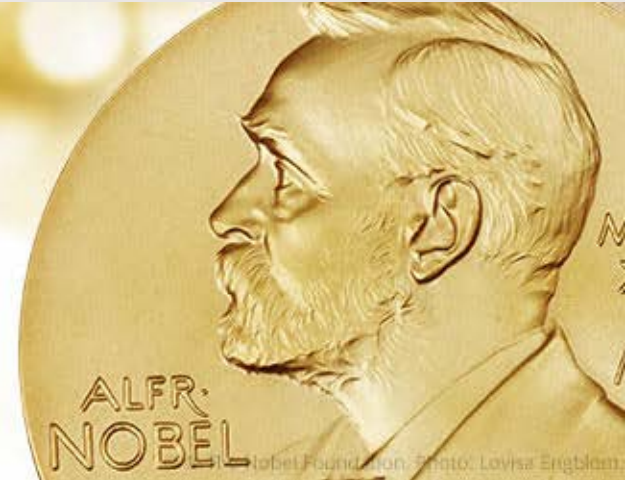


2015 Nobel Prize

"For the greatest benefit to mankind"
Alfred Nobel

2015 NOBEL PRIZE IN PHYSICS

Takaaki Kajita
Arthur B. McDonald



v News!

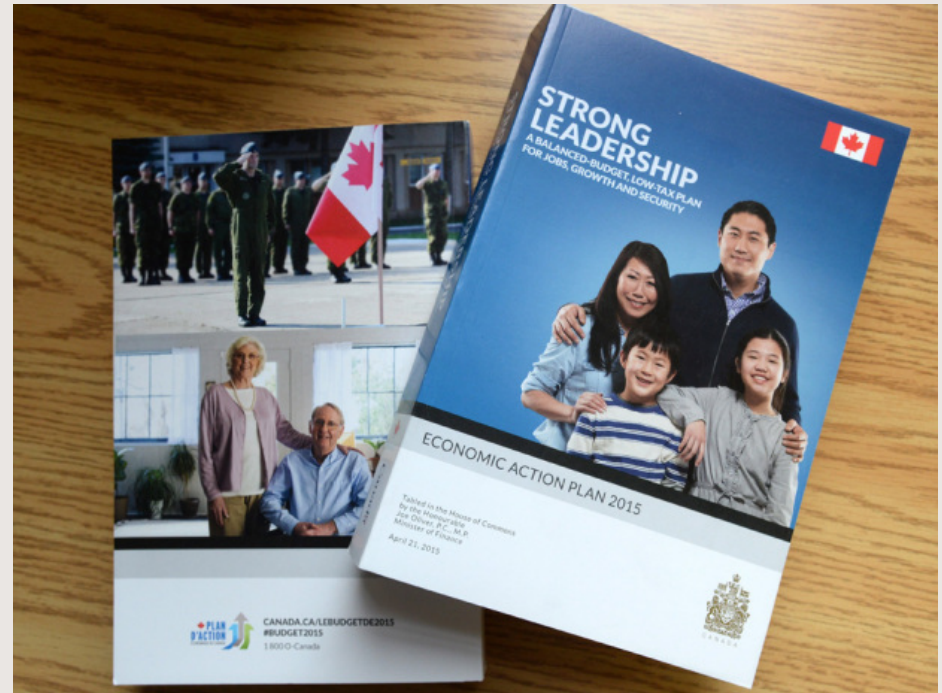


TARA



Budget 2015

- Released on April 21, 2015, Economic Action Plan 2015 contained \$45M in new funding for TRIUMF, and also reaffirmed the government's commitment to the laboratory
- Although CAPTURE did not receive the full \$68M requested, the funding we received will preserve TRIUMF's capacity for the next five years



Five-Year Plan 2015 – 2020

- TRIUMF's priorities over the next five years will be focused in the following program areas:

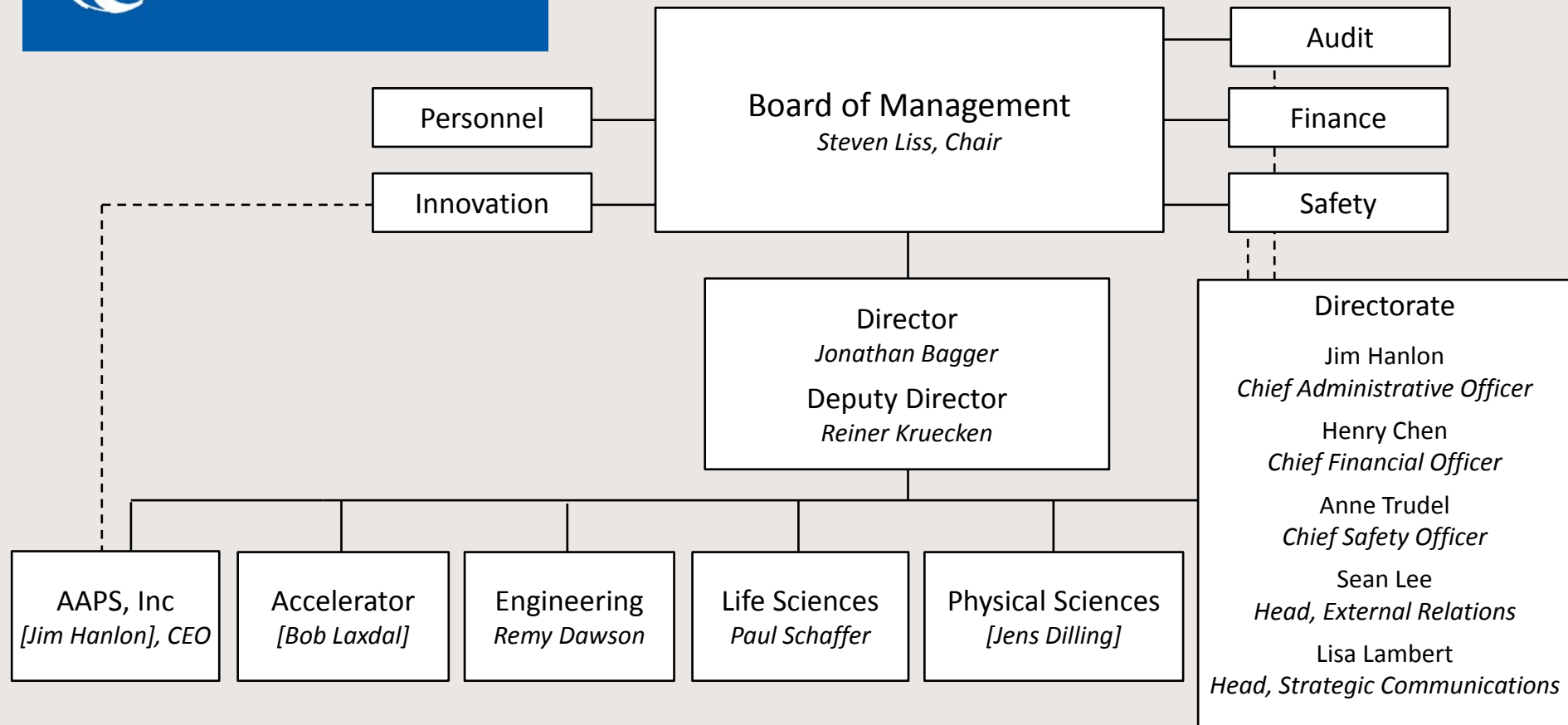
- ARIEL-II
- Nuclear and Particle Physics
- Nuclear Medicine
- Materials Science
- Commercialization

all in the context of

Safe and Effective Operations



Organization



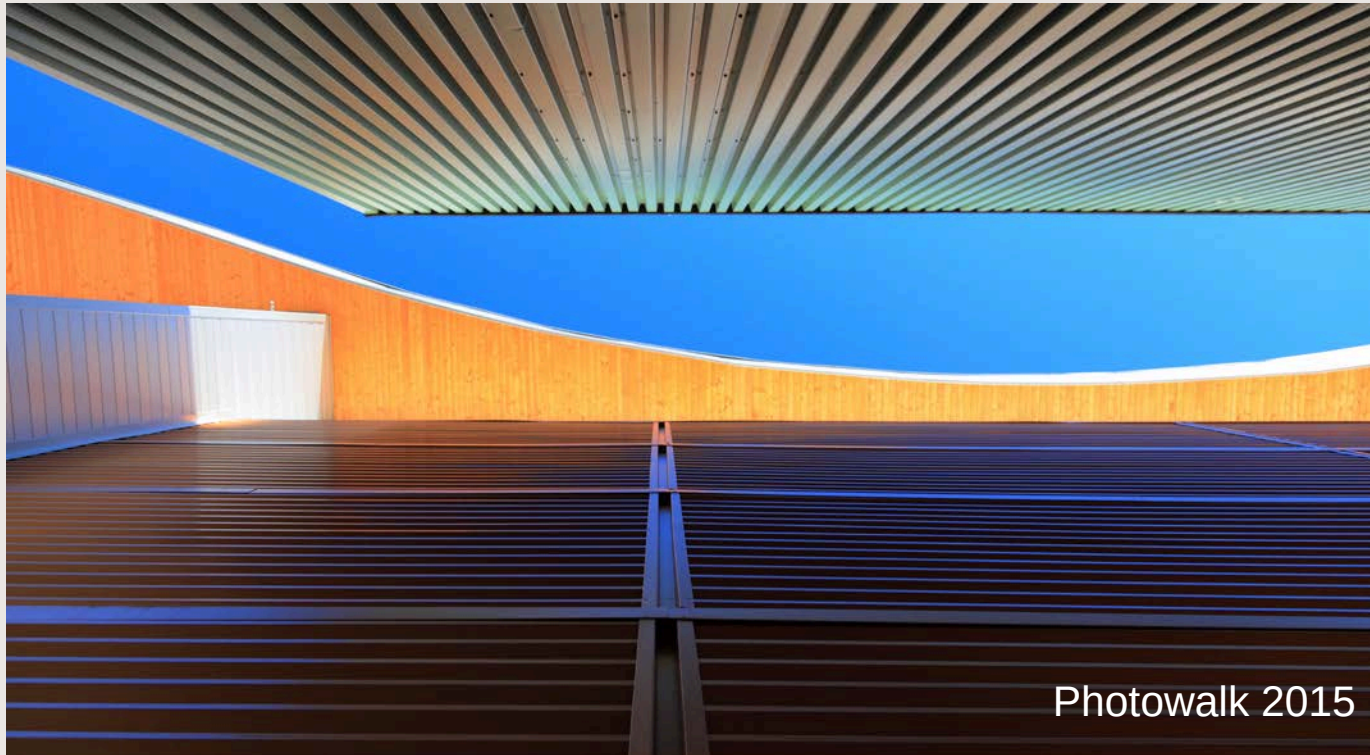
Site Master Plan (1)

- TRIUMF has engaged UBC Campus Planning to help develop a Site Master Plan that opens TRIUMF to the community, and
 - 1) Captures the present state of the laboratory
 - 2) Identifies facilities that need replacement and/or renovation
 - 3) Rationalizes the flow of people and materials across the site
 - 4) Links TRIUMF's site to its strategic plan
 - 5) Sites future facilities in support of the plan
 - 6) Allows TRIUMF to respond quickly if funding opportunities arise
 - 7) Identifies opportunities for philanthropy; makes TRIUMF's story easier to tell
 - 8) Ensures that growth occurs in a way that leaves room for future development

Site Master Plan (2)

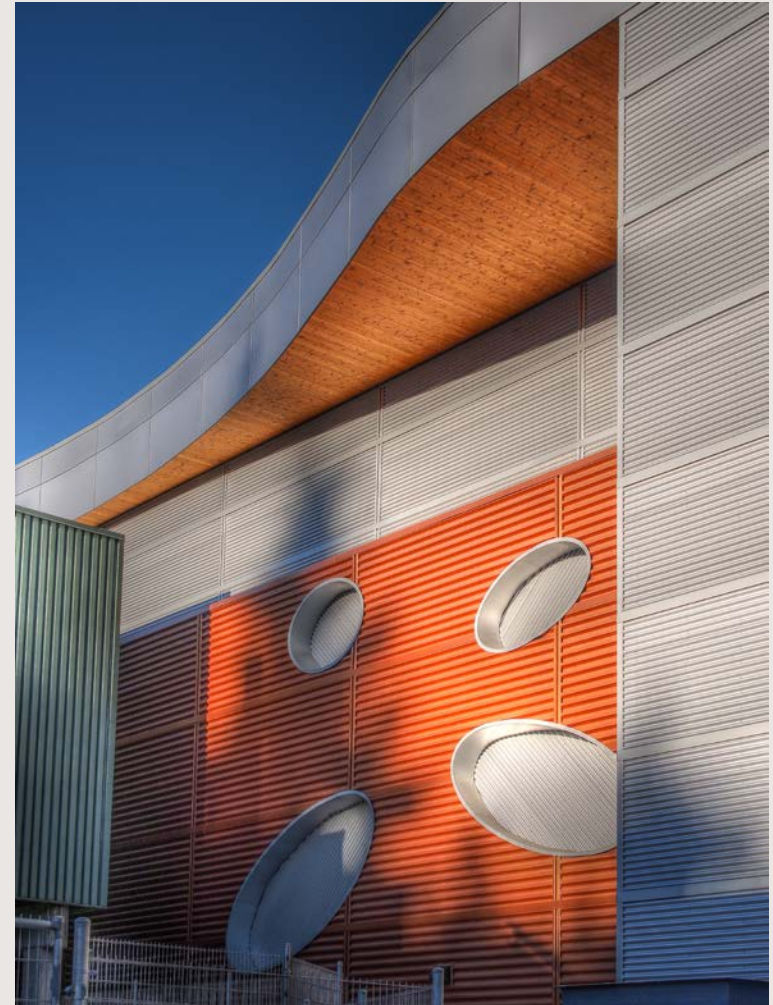
- The Master Plan will address
 - 1) Space for future physics facilities
 - 2) Office space for staff and visitors
 - 3) Lab space for life and physical sciences
 - 4) Storage space for radioactive materials
 - 5) Central control room
 - 6) Auditorium, meeting rooms
 - 7) Innovation centre (Joint with UBC?)
 - 8) Cafeteria
 - 9) Visitor centre
 - 10) Places to congregate

ARIEL (1)



- ARIEL brings together all 19 of TRIUMF's member universities, and represents TRIUMF's future
- Advancing ARIEL will be TRIUMF's highest priority project over the next five years

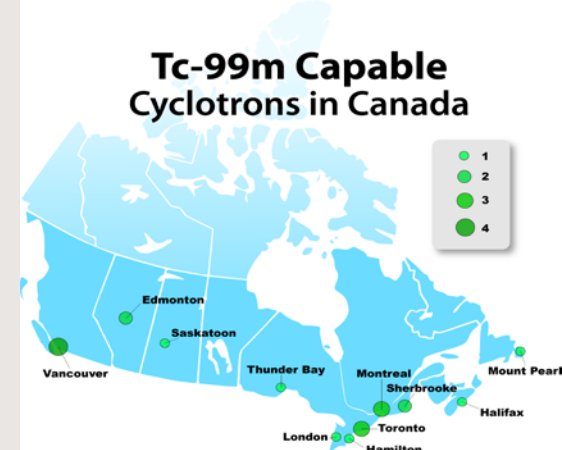
- The ARIEL-II project (UVic) was approved and fully funded by CFI (\$13.6M)
- ARIEL-II has received full funding from four of the five provinces (AB, MB, ON, QC) approached to match the CFI request (\$8.6M)
 - BC is studying the proposal



Photowalk 2015

Build Capacity in Nuclear Medicine

- Budget 2015 provided no new resources to expand nuclear medicine
 - The program remains poised to deliver significant benefit to Canada
- Work continues on Tc-99m project
 - Clinical Trials have started in Vancouver, and will soon begin in London, Ontario
- Discussions are underway with provincial health providers and commercial partners to bring this technology to market as quickly as possible

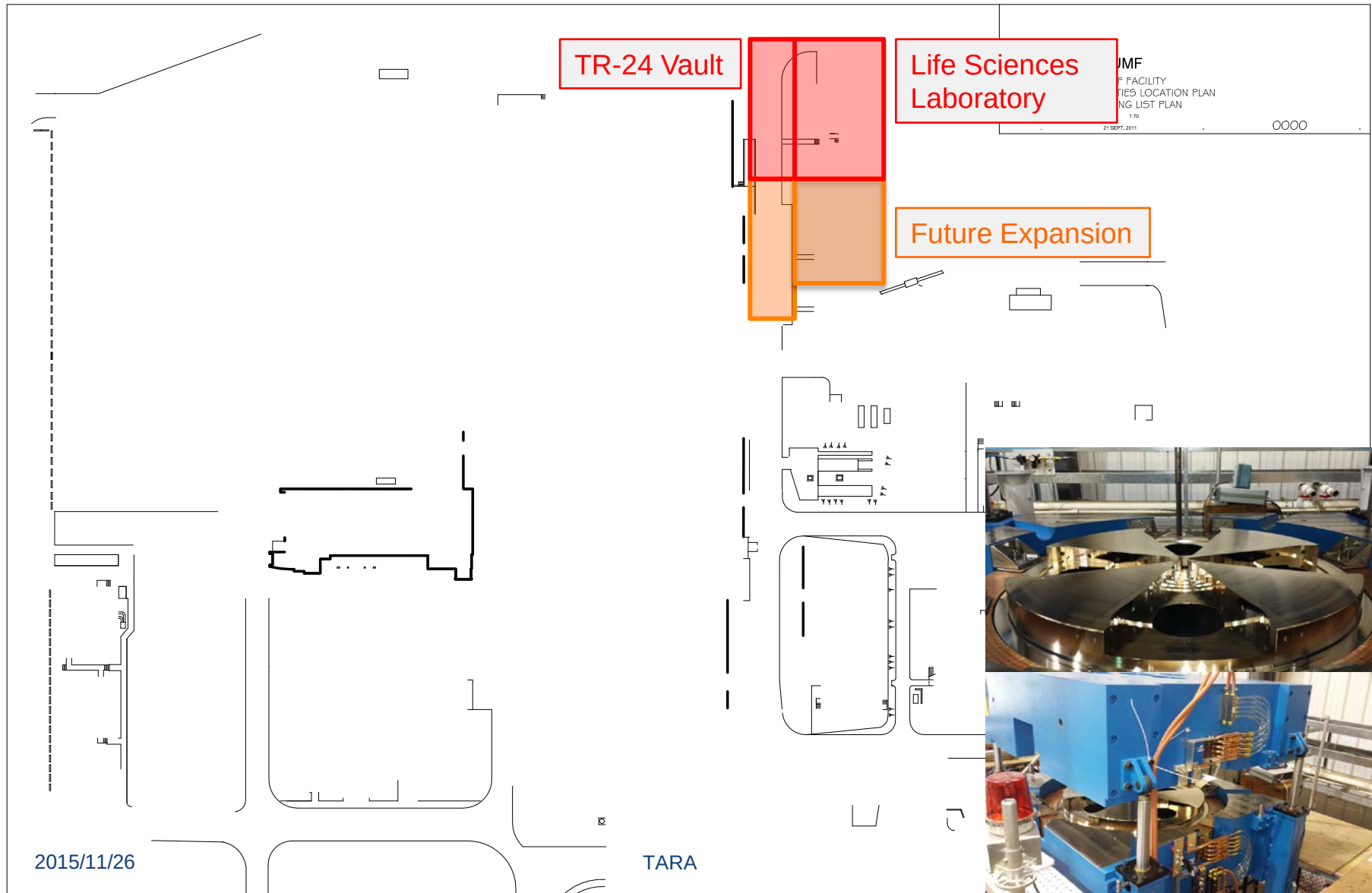


Build Capacity in Nuclear Medicine



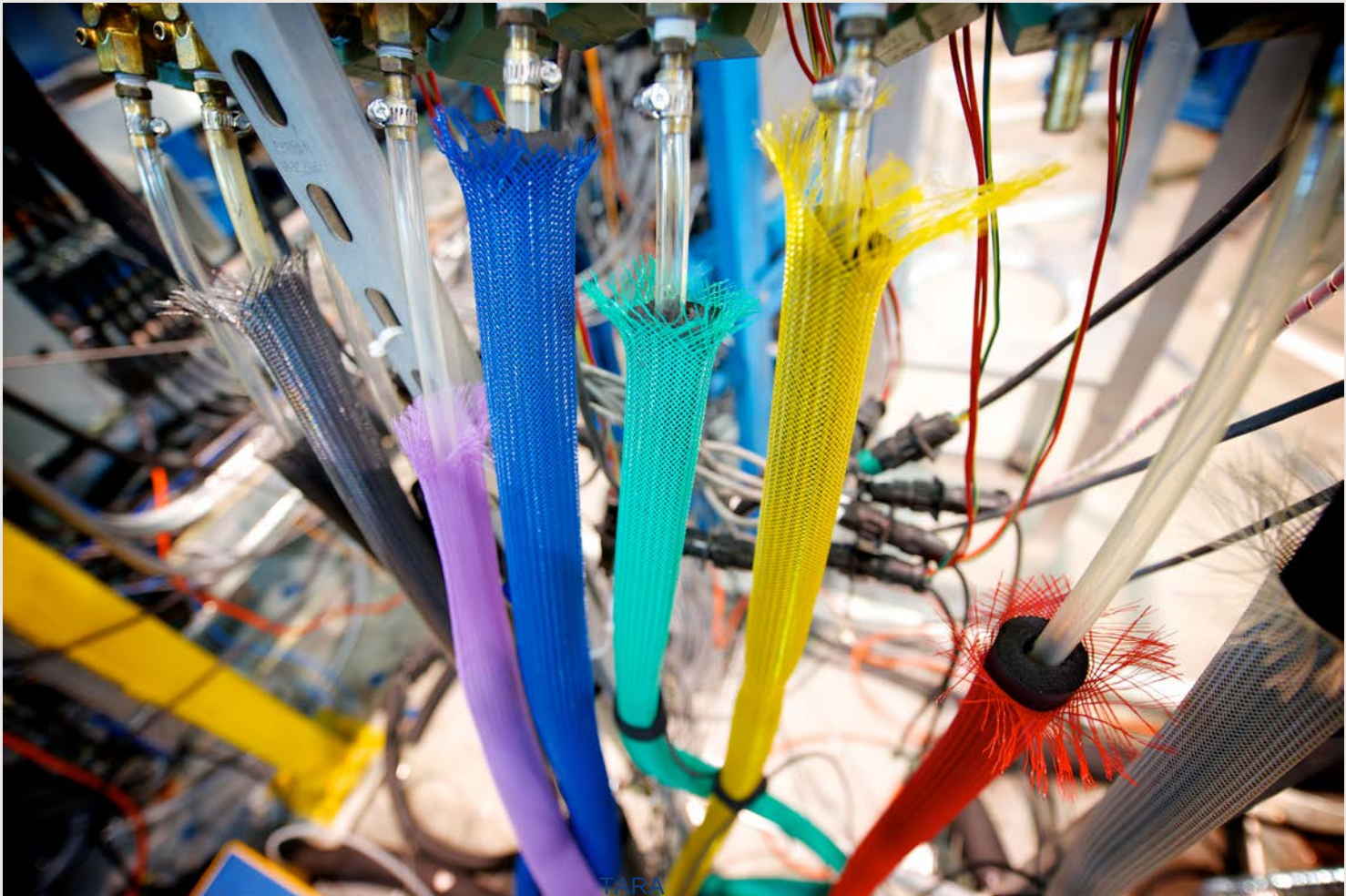
- Tc-99m production will be a major pillar of IAMI, the Institute for Advanced Medical Isotopes
 - TRIUMF is working with the WD and UBC on a new building to house the TR-24 cyclotron that will underpin IAMI
 - TRIUMF is identifying a site for this new facility and is seeking the resources required to fund its construction

Build Capacity in Nuclear Medicine



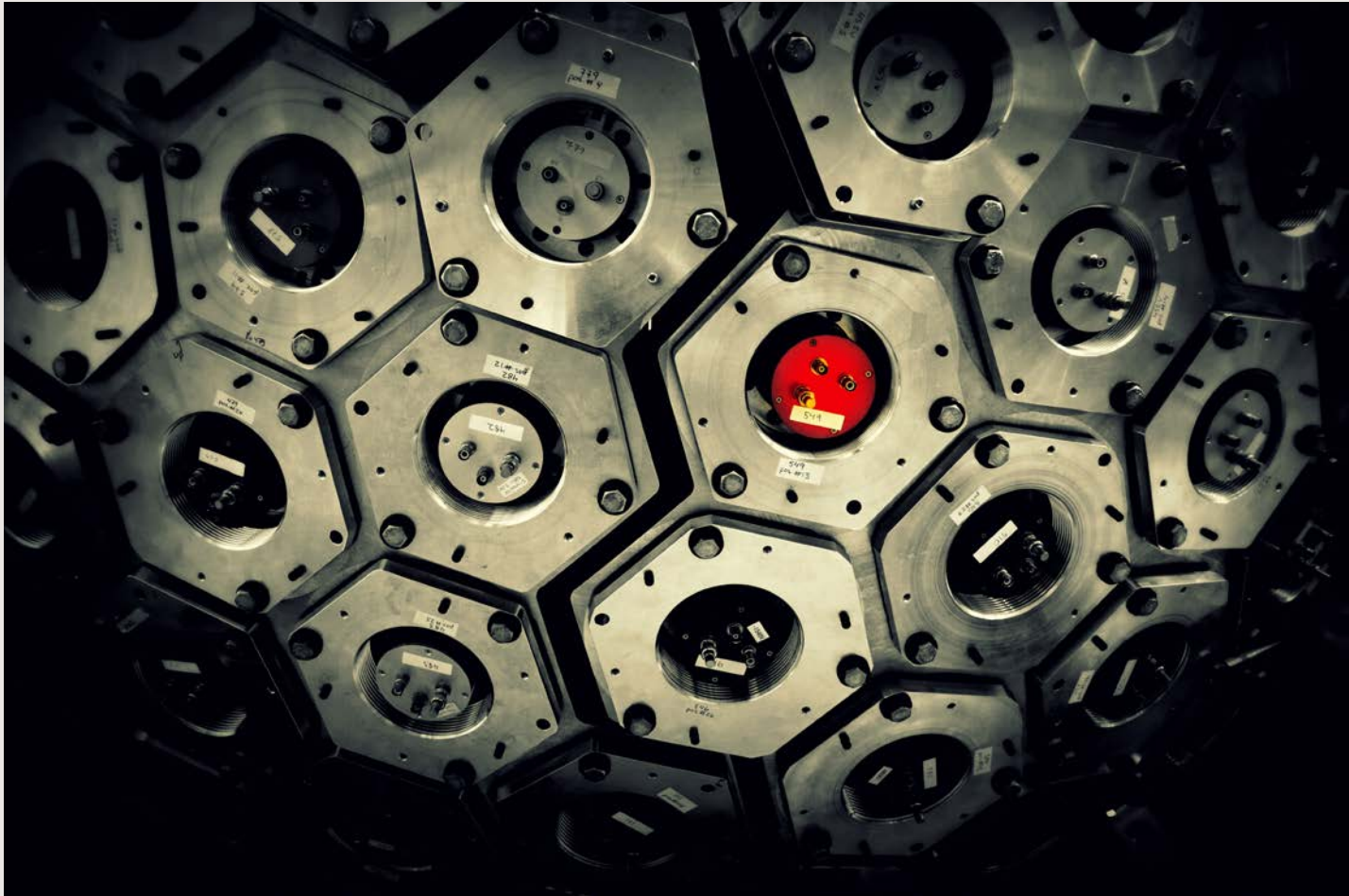
Engage Community

- Photowalk 2015



Engage Community

- Photowalk 2015



Engage Community

Over the past year, TRIUMF received letters of support from its network of commercial and community partners, including:

- Advanced Cyclotron Systems Inc.
- BC Cancer Agency
- BC Innovation Council
- Cisco Systems
- Canadian Institute of Nuclear Physics
- Centre for Probe Development and Commercialization
- D-Pace
- General Electric Healthcare Technologies
- IKOMED
- Institute of Particle Physics
- iROC Technologies
- Lawson Health Research Institute
- MacDonald, Dettwiler and Associates (MDA)
- Nordion
- Northstar Medical Radioisotopes
- PAVAC
- Science World British Columbia
- UBC PET / Djavad Mowafaghian Center for Brain Health



Increase Commercial Activity – AAPS

In 2015, AAPS will be winding down as a CECR. But it will remain as TRIUMF's commercial arm

- AAPS will be the outward-focused business-facing part of TRIUMF
- It will assume responsibility for all TRIUMF's commercial efforts

AAPS will be incented to grow those efforts, increasing revenue to itself and to TRIUMF

- AAPS will partner with other CECRs, and with TRIUMF's member universities, when it is to mutual advantage

TRIUMF's Innovation and Industrial Partnerships Committee will help guide the transition

The search for the executive team will begin soon



Michael Craddock Fund for Students in Accelerator Science

TRIUMF is extremely grateful to Mike Craddock for endowing this fund.



Thank you!

Merci

TRIUMF: Alberta | British Columbia |
Calgary | Carleton | Guelph | Manitoba |
McGill | McMaster | Montréal | Northern
British Columbia | Queen's | Regina |
Saint Mary's | Simon Fraser | Toronto |
Victoria | Western | Winnipeg | York

