

# INNOVATION NOW

A MONTHLY SHOWCASE OF CANADIAN RESEARCH THAT IS TRANSFORMING OUR DAILY LIVES

## At work for the economy

### Building a prosperous port of call

In 2011, about 70 ships carried almost 300,000 people into Saint John Harbour and pumped \$30 million into the local economy. A University of New Brunswick-led study on sedimentation is looking at ways to ensure traffic keeps flowing into the New Brunswick port. [READ MORE](#)

### Keeping Canadian communications cutting edge

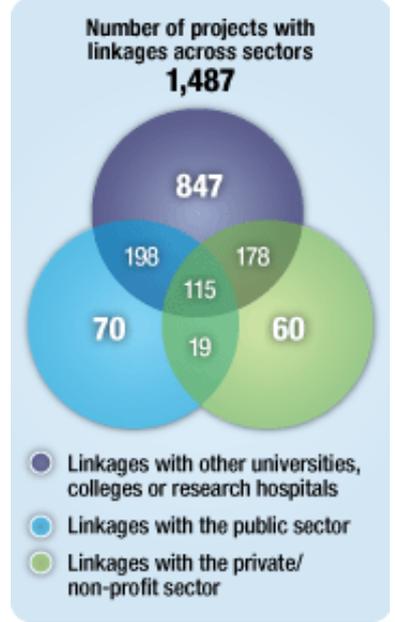
A research team at the University of Manitoba has been instrumental in advancing the connectivity and miniaturization of antennas, which, among other things, has helped modernize cell phones and greatly decreased the size of satellite dishes. The team works with a number of industry partners, from aerospace and defence to communications and utilities. [READ MORE](#)

### Made-in-Canada product boosts wine industry

Researchers from The University of British Columbia have commercialized two new yeast strains that can eliminate wine allergens — the substances that cause allergic reactions in 30 percent of adults worldwide — and simplify wine production processes. [READ MORE](#)

## DID YOU KNOW?

### LINKAGES HELP THE INNOVATION PROCESS



In today's highly competitive research environment, external research linkages are essential, and research infrastructure acts as a catalyst for the creation and maintenance of those linkages.

[Read the full story...](#)

## Spotlight on research

### Testing the waters

#### *Applied research at Fleming College will go a long way to helping green Canada's mining industry*

"Not only do all human beings need water to survive," says researcher Brent Wootton, "all life needs it." As the director and senior scientist of the Centre for Alternative Wastewater Treatment (CAWT) at Fleming College in Lindsay, Ont., he clearly sees the potential benefits of his research. "It's incredibly rewarding to know that working on applied solutions for improving water quality can have such an important impact on the lives of people around the planet and on the planet itself." Since its inception in 2002, the CAWT has become a hub for constructed wetland and alternative waste-water treatment expertise and applied research. And now, funding from the Canada Foundation for Innovation (CFI) will allow the centre to renovate its facilities and upgrade its equipment to help the facility expand its work into areas such as mining. [READ MORE](#)



## CFI-funded research in the news

**SANTÉ** — Les aliments riches augmentent les risques de dépression (*Canoe.ca*, le 25 mai 2012)

[LIEN VERS L'ARTICLE](#)

**SAFETY** — Sensors to sound tsunami warning for Vancouver Island: Deep-sea "antenna" to give island 30 minutes' notice (*Victoria Times-Colonist*, May 25, 2012)

[LINK TO STORY](#)

**BIOLOGIE** — L'organe inconnu des baleines à fanons (*Radio-Canada.ca*, le 23 mai 2012)

[LIEN VERS L'ARTICLE](#)

**SUSTAINABILITY** — Universities can transform campuses into test beds for sustainability: UBC professor (*Vancouver Sun*, May 18, 2012)

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