

**200** *of* **Years**  
**Learning**  
*and* **Innovation**  
*in*  
**Prince Edward Island**



Learning  
Innovation



# Prince Edward Island Celebrates 200 Years of Learning and Innovation in 2004

The year 2004 was proclaimed by Premier Binns as the Year of Learning and Innovation to commemorate 200 years since Lieutenant Governor Edmund Fanning dedicated land for the province's first college in 1804.



*Diversified Metal Engineering Ltd. is an innovative Island company which helps employees keep their skills current through workplace education.*

Islanders are using the year as an opportunity to celebrate education successes and to promote learning in schools, workplaces and communities.



Over the past 200 years, PEI has developed a high quality education system which includes a community-based early learning system and over 75 public and private schools.

The University of Prince Edward Island is known as one of Canada's great small universities, while Holland College attracts students from around the world to specialized areas of learning such as culinary training and aerospace. French First Language programs are offered through la Société Éducative using the latest technology available.

The Department of Education is the leader in creating opportunities for lifelong learning in the province. Many partnerships are now in place to ensure that Islanders continue to learn and respond to changing work environments.

Workplace Education PEI, a partnership of business, labour, government and community representatives, is a leader in providing workplace education.

Three Island companies have received national awards for excellence in workplace literacy programs in the past three years: **Durabelt Inc., Diversified Metal Engineering Ltd and Royal Star Foods Ltd.**



*City of Charlottetown employees have upgraded their essential skills through education programs offered at their worksites.*

Island business and community leaders know that to succeed locally and globally, they need a workforce that is prepared for the future. To this end, Workplace Education PEI has taken the lead to ensure that learning opportunities are available and relevant for the Prince Edward Island workforce.

The Department of Education remains committed to leading new partnerships that support learning at all stages of life.



Department of  
Education



## Bio Science- An Emerging Sector for Prince Edward Island



In Prince Edward Island, the harvests from our soil and our waters produce components that are being used to manufacture leading edge nutraceuticals, bio-actives and functional ingredients. Our growing bio-research cluster is anxious to partner with companies who want to advance their bio-resource conversion capabilities. And a number of companies are using that research base to develop new products.

We are developing strengths and capacity in several areas that provide a base of further development of bioscience products and processes. Bioscience expertise is growing in:

- **bio-actives sourced from marine and terrestrial plants and animals**
- **functional foods and nutraceuticals**
- **fine biochemicals and pharmaceuticals**
- **aquaculture recirculation systems**
- **aquaculture vaccines**
- **environmental sustainability and remediation**

The Atlantic Veterinary College, the University of Prince Edward Island, the Food Technology Centre, the Centre for Animal and Plant Health and the new Institute of NutriSciences and Health form the nucleus of our expanding research capability. In addition, the Food Technology Centre is home to the Atlantic Natural Products Development which will develop innovative technologies to extract high-value natural

products from agricultural and marine bioresources. All are located on or near the UPEI campus, offering opportunities for collaboration.

At Technology PEI, our Bio-Science development division is ready and able to help your company to take advantage of everything Prince Edward Island has to offer.



**techpei**  
ENABLING THE NEW ECONOMY

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# Holland College

## Quality and Innovation

of Canada, arguably, the country's hottest cooking school, nestled in Charlottetown's waterfront."

A most exciting event for the Institute and indeed the entire College community was the Gold Medal win by the CIC at the National Youth Team Competition. As a result of their win, a team of 8 young people, all graduates of the Institute, will represent Canada at the next World Culinary Olympics in Erfurt Germany in October 2004.

### A Year to Celebrate

2004 marks 200 years of learning and innovation on the Island and Holland College's 35th anniversary - truly a year to celebrate!



Since its inception in 1969, quality, innovation, and an international reputation for skills-based training has been the focus of learning at Holland College.

### Enrollment

Forty percent of Holland College's full-time enrollment of 2,400 students is from off-Island.

College students are enrolled in a range of program areas including the Atlantic Police Academy, Aerospace, Tourism, and the increasingly popular Sport and Recreation. Programs that continue to attract students of all ages and backgrounds are Health and Community Services' *Paramedicine* and The Culinary Institute of Canada's *Culinary* and *Pastry Arts*.

### Paramedicine

Holland College offers two Paramedicine programs - *Primary Care Paramedic* and *Advanced Care Paramedic*. Program accreditation by national associations is a priority of the College, and both Paramedicine programs were recently re-accredited by the Canadian Medical Association (CMA).

Last year, a partnership created between the College, NSCC and Emergency Health Services Nova Scotia, saw the College's *Advanced Care Paramedic* program offered in Truro, Middleton and Ackerley, Nova Scotia.

### Culinary Goes for Gold

From its first class of 6 chefs, the Culinary Institute of Canada (CIC) has grown to graduating over 100 chefs per year. Canada's weekly news magazine, MacLean's, put it this way, "...the Culinary Institute



**HOLLAND**  
COLLEGE

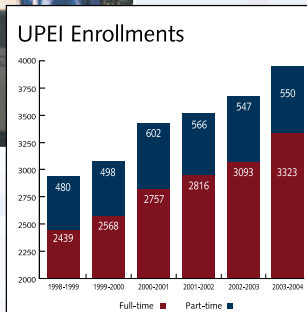
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# University of Prince Edward Island: A University on the Rise



The University of Prince Edward Island – celebrating its roots going back to 1804 – truly is a *University on the Rise*.



## UPEI is a Top 10 Undergraduate University

For the past two years, UPEI has been recognized as a top ten undergraduate university by *Maclean's* magazine. UPEI receives high marks for access to professors, faculty research, student awards and value-for-money.

## UPEI leads Canada in 3M Teaching Excellence Awards

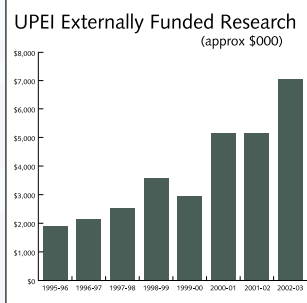
UPEI professors have won Canadian 3M Teaching Awards in three consecutive years: 2001, Dr. Shannon Murray; 2002, Dr. Brent MacLaine; and 2003, Dr. Philip Smith. This record is unequalled by any other Canadian university.

## UPEI is a Canadian Leader in Research and Innovation

In 2003, Research InfoSource ranked UPEI number three among primarily undergraduate universities for research intensity.

## UPEI, in concert with NRC, is Leading a Regional Bio-Resources and Life Sciences Cluster

The National Research Council has located the Institute for Nutrisciences and Health (NRC-INH) on campus at UPEI, combining forces with researchers at UPEI and the Atlantic Veterinary College, as well as other academics, government agencies and the



private sector, to create a dynamic regional cluster of research excellence and innovation. The work to be conducted at NRC-INH, will focus on determining how naturally occurring compounds can benefit human and animal health.

Senior Research Officer and Lead Scientist of the NRC-INH is Dr. Michael Mayne, a 1990 UPEI alumnus. "The University was a driving force in the establishment of the NRC institute on PEI," said Dr. Mayne. "The NRC-INH will build upon existing research strengths in the region – for example, there is a strong core of researchers at UPEI investigating the impact on human health of bioactive compounds from marine algae, blueberries, rosehips, and cranberries, to name a few." The NRC institute is scheduled to open in early 2006.

## UPEI Alumni are Atlantic Leaders

Wendy Paquette, Senior Vice President, Customer Service for Aliant; Glenn Hynes, Executive Vice-President and Chief Financial Officer for Sobeys Inc.; Nancy Mathis, Co-owner of Mathis Instruments; Regis Duffy, Founder and President of Diagnostic Chemicals; Lennie Gallant, multiple ECMA winner.

## UPEI is Building a Legacy

UPEI's *Building a Legacy* campaign has achieved more than 70% of its \$25 million target, to support excellence in learning and research, and enhanced campus facilities ([www.upei.ca/legacy](http://www.upei.ca/legacy)).

"The *Legacy* Campaign is our most ambitious fundraising effort – ever. It is generating extraordinary support for students, facilities, teaching and research. A lot of people are helping to put UPEI on the map." Wade MacLauchlan, President, UPEI.

## UPEI is a Campus in Transformation

UPEI's campus will see more than \$100 million in enhanced facilities from 2002-2008. Come visit us. We'd love to show you a University that is truly *On the Rise*.

**For tours and information about UPEI:**  
**Website: [www.upei.ca](http://www.upei.ca)**  
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# Prince Edward Island's Aerospace Industry- Innovation at its Finest



Ten years ago when Ottawa announced the closure of CFB Summerside, the Province of Prince Edward Island was faced with a huge economic challenge and opportunity. Local government officials and economic developers worked together to create a vision to develop an aerospace industry to replace the airforce base in the province's second largest population centre.

Today that vision has become a reality with Prince Edward Island home to a vibrant and ever expanding aerospace industry, now employing close to 700 people. Armed with a tax rebate structure and a defined focus on aerospace recruitment, this sector now represents 25 percent of the total provincial exports.

The former Canadian Forces Base at Slemon Park in Summerside has been transformed into a premier business centre that today provides world class

hangars, manufacturing facilities and an airport along with other amenities and services.

Some of the best known names in aerospace have chosen to establish business in Prince Edward Island including Honeywell, CAE, Atlantic Turbines International, Tube-Fab Ltd., Wiebel Aerospace, Testori Americas Corp., Helipro and MDS-PRAD Technologies.

The aerospace industry is the Island's second largest exporter, producing a broad range of products and services. While most of the work is oriented toward the regional aircraft market, Prince Edward Island based companies are also involved in other related sectors such as helicopters, space and defence, mass-transit, medical equipment and high performance industrial engine industries.

Our educational institutions have developed state-of-the-art training programs and facilities that give companies immediate access to well trained employees and provide students the opportunity to combine classroom instruction with hands-on training in the industry.



The value of exports in aerospace from PEI has grown dramatically to be the province's fourth largest industry. The aerospace industry in Prince Edward Island is another example of the innovative approach the province is taking to economic development.



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