

Richardson Associates (1993) Limited

- Educational Facility - Project Summary-

Project Name: UPEI Regis and Joan Duffy Research Centre Building– Charlottetown, Prince Edward Island

The Regis and Joan Duffy Research Centre opened in 2006. It is a state-of-the-art bioscience and health research centre housing researchers from UPEI, the National Research Council Institute for Nutrisciences and Health (NRC-INH), and Agriculture and Agri-Food Canada (AAFC). They collaborate on health-related research projects and contribute to the Island's growing bioscience cluster, exploring how natural compounds can be used to prevent and treat disease in animals and humans. Their research focuses on identifying, extracting and refining naturally occurring compounds from renewable plant, animal and marine resources that help to prevent or treat diseases, infections or disorders affecting the brain, immune system or metabolism, such as Alzheimer's, Type-2 diabetes, and high cholesterol.

The Regis and Joan Duffy Research Centre has five floors with a gross floor area of 57,647 ft² (5,356 m²). The basement level provides support facilities while level one contains office space, meeting room and a lecture theatre. Levels 2, 3 and 4 consist of research labs and support space for the labs.

The electrical systems in the Building included energy efficient lighting, emergency/exit lighting, general power, emergency power for essential systems, campus wide peer-to-peer networked fire alarm system, CCTV system, door access system and voice and data networked communication system. Site services included lighting, underground connection to campus wide fiber optic communications and the 13.8/8kV high voltage distribution system.

The construction cost of the project was \$10 million.

