

Holland College

Overview

Holland College, founded in 1969 and based in Prince Edward Island, offers programs across the Island and in China. Their research expertise and capacity for applied research is separated into two main pillars: Social Innovation/Science and Technology.

Research Capabilities

Social Innovation Pillar

- Information on current social data and trends for policy and program development
- Data collection methods and tools that help shape future of population
- Projects in social development, education, literacy and skills development
- Institute for Adult and Community Education
 - The efficacy of classroom based phonological reading programs with adult learners who experience low literacy levels;
 - The relative effectiveness of classroom-based versus computer-based reading instruction with adult learners;
 - The cost and effectiveness of Adult Developmental Education in relationship to prose, document and numeracy literacy;
 - The influence of computer-based literacy training on English language learners.

Science and Technology Pillar

- Food Product Development – Canada’s Smart Kitchen
 - Smart boardroom and Photography Studio
 - Smart Sensory Lab
 - R&D Kitchen
 - UHT Pasteurization
 - Homogenization
 - Carbonation
 - Fermentation
 - sous vide
 - blast freezing/blast chilling
 - ACT
 - batter/breading/frying
 - roto-valve
 - smoking
 - extrusion
 - re-thermalization

- dehydration
 - convection and small scale packaging capabilities
- Presentation Kitchen
 - overhead camera
 - specialized lighting
 - flexible equipment dock
- Bioscience Technology
- Renewable Energy Engineering Systems
 - Case Study: In-Situ Performance Testing of Solar Air Heating Systems
 - Case Study: Economic Case for Reducing Electric Water Heater Standby Losses
- Information Technologies
 - Case Study: Holland College Telepresent Remote Classroom
- Industrial Trades (pending potential industry partners)

Contact

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