

# IgniteR&D

IgniteR&D attracts highly-qualified academic researchers and builds new research and development (R&D) capacity in areas relevant to both industry and the Newfoundland and Labrador economy.

## Funding Summary

Projects should enable new or first-time researchers to ignite R&D activities that have industry relevance and significant potential for economic impact in Newfoundland and Labrador.

### *Applicant*

Applicants must hold full-time positions for two or more years at a publicly-funded academic or not-for-profit research institute or facility in Newfoundland and Labrador.

### *Contribution Rate*

Up to 100% of total eligible project costs.

### *Maximum Contribution*

\$100,000

Seeing Finer, Faster, Farther:  
RDC is investing in a project led by Dr. Weimin Huang of Memorial University of Newfoundland that is utilizing microwave and high-frequency radars for detection and surveillance with Rutter Technologies.  
Photo by Dave Howells for RDC.



## Description

IgniteR&D supports academic-led research and invests in new or first-time academic researchers to ignite R&D activities in Newfoundland and Labrador.

IgniteR&D provides up to 100 percent of total eligible costs of a specific proposal, with a maximum RDC investment of \$100,000 for up to two years. Proposed R&D projects must demonstrate industry relevance and have significant potential for economic impact in Newfoundland and Labrador. Through the IgniteR&D program, RDC targets investments in the following areas: energy, ocean technology, natural resources (minerals & mining, fisheries, aquaculture, forestry, and agriculture), manufacturing, health and life sciences, and information and communication technologies.

## Eligibility Criteria

Eligible institutions are publicly-funded academic or not-for-profit research institutes and facilities in Newfoundland and Labrador. Private sector and federal government research organizations are ineligible to apply.

Applicants must hold full-time positions for two or more years at an eligible institution. Applicants from Memorial University of Newfoundland must apply within 12 months of their initial appointment date to an eligible research position.

Successful applicants are required to submit external grant applications within 18 months of the start date of the IgniteR&D project. Applicants that have previously received RDC funding are ineligible to apply.

## Eligible Project Costs

- Initial capital costs: equipment and minor laboratory renovations required to establish a research lab for a new researcher
- Wages and salaries for highly-qualified personnel: research assistants, graduate student researchers, and post-doctoral fellows
- Initial operating funds tied to a defined research project (can include travel for research purposes, collaboration and dissemination of results)

Funding requests should be appropriate in scale for the proposed project and the immediate associated research requirements of the applicant.

Costs incurred prior to receipt of application by RDC are ineligible.

## Project Timelines

The maximum duration of any project is two years. The project must commence within three months of approval, and the start date cannot be earlier than the application receipt date at RDC.

## About Us

The Research & Development Corporation (RDC) is a provincial Crown corporation with a mandate to strengthen research and development (R&D) in Newfoundland and Labrador for the long-term economic benefit of the province.

RDC invests in highly-qualified people, innovative research and world-class infrastructure in priority areas that have the potential to strengthen Newfoundland and Labrador's R&D capacity and impact our economy.

RDC supports academic, business and government clients through ongoing programs, targeted and competitive calls for proposals, as well as other strategic investments in priority areas.