



# COLLABORATIVE RESEARCH

## From idea to income

Ontario Centres of Excellence (OCE) Collaborative Research Program spurs innovation by promoting research partnerships between Ontario's industry and academia. These long term collaborations, lasting from one to three years, develop commercially viable technologies while providing training opportunities for students, post doctoral fellows and other highly qualified personnel.



### WHAT IS COLLABORATIVE RESEARCH?

OCE's Collaborative Research Program helps to foster an innovative research partnership between Ontario industry and academia. Typically lasting between one and three years, a collaborative project helps to develop a commercially-viable technology that can result in new revenues and high-value jobs Ontario.

In addition, the Collaborative Research Program also facilitates the cooperation necessary for solving tough industry problems, while advancing innovative technologies critical in building and sustaining Ontario's innovation economy.

The program also greatly benefits students, post-doctoral fellows and other highly qualified personnel by providing real-world training opportunities where they can advance their skills and expertise.

### HOW DO STUDENTS BENEFIT?

- ▶ Gain real-world experience
- ▶ Connect with established companies
- ▶ Use your knowledge and fresh ideas to solve industry problems

### HOW DOES INDUSTRY BENEFIT?

- ▶ Access to new talent and established academic researchers
- ▶ Marketable solutions to current industry challenges
- ▶ Affordable short-term skilled labour
- ▶ Company and brand exposure

### HOW DOES ACADEMIA BENEFIT?

- ▶ Exciting research challenges
- ▶ Establish relationship with industry

### HOW DOES THE FUNDING WORK?

OCE's investment is determined by the support and commitment from the partners. Typically, collaborative projects involve an annual OCE investment of \$50,000 and in some circumstances as much as \$200,000 per year. Funding flows directly to the academic research institution. Industry partners make a cash and in-kind contribution that matches or exceeds that of OCE.

### ELIGIBILITY AND APPLICATION PROCESS

To learn more about Collaborative Research visit [www.oce-ontario.org/research](http://www.oce-ontario.org/research) or call 1-866-759-6014



Each year, Ontario companies benefit from OCE's Collaborative Research program. Listed below is a sample of industry partners that participated in Collaborative Research over the past year.

#### GREATER TORONTO AREA

Andec Manufacturing Ltd. (Toronto)  
 Attodyne Inc. (Toronto)  
 Bell Canada (Toronto)  
 Biosign Technologies Inc. (Toronto)  
 Broadband Wizard Inc. (Toronto)  
 Celestica (Toronto)  
 Certo Labs Inc. (Toronto)  
 Hydro One (Toronto)  
 Idee Inc. (Toronto)  
 Imperial Oil Limited (Toronto)  
 Peat Resource Ltd. (Toronto)  
 Rimon Therapeutics (Toronto)  
 TELUS (Toronto)  
 Theralase Inc. (Toronto)  
 Zero Waste Energy Systems Inc. (Toronto)  
 Canadian National Railway Company (Toronto)  
 Custom Contact Lenses (Scarborough)  
 Inception Biosciences Inc. (Mississauga)  
 LUNARIS Inc. (Mississauga)  
 Xerox Canada Ltd. (Mississauga)  
 Drystill Holdings Inc. (Mississauga)  
 ElectroVaya (Mississauga)  
 Environmental Geosolutions Inc. (Oakville)  
 Petro-Canada (Oakville)  
 Walsh Medical Devices Inc. (Oakville)  
 GeoDigital International Inc. (Burlington)  
 Canadian Solar Inc. (Markham)  
 IBM Canada (Markham)  
 Quanser Consulting Inc. (Markham)  
 Milton Hydro Distribution Inc. (Milton)  
 Messier-Dowty Inc. (Ajax)  
 General Motors Canada (Oshawa)  
 SunOpta BioProcess Inc. (Brampton)  
 Therma Vault Systems Inc. (Brampton)  
 Metex Heat Treating Ltd. (Brampton)

Gerdau Ameristeel Whitby (Whitby)  
 Spectral Applied Research Inc. (Richmond Hill)  
 Enbridge Gas Distribution Inc. (North York)

#### SOUTHWESTERN & CENTRAL ONTARIO

3M (London)  
 Modus Medical Devices Inc. (London)  
 TransForm Automotive (London)  
 Arcelor-Mittal-Dofasco (Hamilton)  
 Centurion Biofuels Corp. (Hamilton)  
 Dofasco Inc. (Hamilton)  
 Stelco Inc. (Hamilton)  
 Cleanfield Energy Corp. (Ancaster)  
 Canadian Bio-Pellet Inc. (Kitchener)  
 Eco-Shift Power (Kitchener)  
 ARISE Technologies Corporation (Waterloo)  
 Energent Incorporated (Waterloo)  
 EnviroMetal Technologies Inc. (Waterloo)  
 Research In Motion (RIM) (Waterloo)  
 Sonic Environmental Solutions Inc. (Waterloo)  
 Prodyne Technologies Inc. (St. Catharines)  
 Colville Consulting Inc. (St. Catharines)  
 Agri-Food Laboratories (Guelph)  
 Air Quality Solutions Ltd. (Guelph)  
 Hybrid Energy Inc. (Guelph)  
 CanDetec Inc. (Campbellville)  
 Union Gas (Chatham)  
 DaimlerChrysler Canada Inc. (Windsor)  
 Ford Canada (Windsor)  
 Tool-Tec Welding Inc. (Windsor)  
 Marzo Glove Company Ltd. (Rockwood)  
 Dow Chemical Canada (Sarnia)  
 Oneway Manufacturing Inc. (Stratford)  
 Walker Industries Holdings Ltd. (Thorold)  
 Enerworks (Dorchester)  
 Nextreme Thermal Solutions Ltd. (Durham)

Mold-Masters Ltd. (Georgetown)  
 Miller Cement (Gormley)  
 Aqua Treatment Technologies (Grimsby)  
 Gro-Bark Ltd. (Hornby)  
 Bruce Power (Tiverton)

#### EASTERN & NORTHERN ONTARIO

Advanced Engine Technology Ltd. (Ottawa)  
 Cistel Technology Inc. (Ottawa)  
 Distil Interactive Ltd. (Ottawa)  
 Ecovu Analytics (Ottawa)  
 EION Inc. (Ottawa)  
 eSight (Ottawa)  
 Frontline Robotics Inc. (Ottawa)  
 Menova Energy Inc. (Ottawa)  
 Nortel (Ottawa)  
 Ottawa Health Research Institute (Ottawa)  
 PacketDNA Inc. (Ottawa)  
 Genopod Inc. (Peterborough)  
 Rosstech (Orillia)  
 Canadian Forest Service (Sault Ste Marie)  
 Delta Energy Co. Ltd. (Thunder Bay)  
 KBM Forestry Consultants (Thunder Bay)  
 MetalCORP Limited (Thunder Bay)  
 Kenora Biofuels Inc. (Kenora)

For a list of eligible universities and colleges in Ontario, please visit [www.oce-ontario.org/research](http://www.oce-ontario.org/research)

"It is very difficult for smaller companies like us to find the right technology research partners. We would never have been able to tap into them if OCE had not directed us."

Anand Srinivasan,  
 Vice President,  
 EION Inc.

"You can't design a device. You design a process. At one point there is a widget that you sell, but you have to design every part that leads up to that. You have to know where it's going to go or you end up being hit by hidden points of failure."

Nicolas Morgan,  
 Director of Business Development,  
 Morgan Solar

"As a small company, we can't sustain a research group and are often unaware of cutting-edge tools that can make our products more competitive. The research leverage that our OCE-funded collaboration provides is invaluable in keeping abreast of the latest developments."

Leila Boujnane,  
 Founder and CEO,  
 Idée Inc.

## ABOUT OCE

Ontario Centres of Excellence (OCE) Inc. drives the commercialization of cutting-edge research across key market sectors to build the economy of tomorrow and secure Ontario's global competitiveness. In doing this, OCE fosters the training and development of the next generation of innovators and entrepreneurs and is a key partner with Ontario's industry, universities, colleges, research hospitals, investors and governments. OCE's Centres work in communications and information technology, earth and environmental technologies, energy, materials and manufacturing and photonics. OCE is funded by the government of Ontario and is a key partner in delivering Ontario's Innovation Agenda. OCE through its Centre for Commercialization of Research (CCR), an initiative supported by the federal government, also acts as catalyst which allows innovative businesses to grow and achieve sustainable, commercial success and global competitiveness.



The Ontario Centres of Excellence program is made possible through the financial support of the province of Ontario.