IEEE Canadian Foundation

Luc Matteau, P. Eng.,

LSMIEEE, Treasurer

Email: treasurer@ieeecanadianfoundation.org

Phone: 1-705-743-7712

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Introduction

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ICF Mission Statement

The IEEE Canadian Foundation cultivates resources and relationships to advance IEEE's core purpose to foster technological innovation and excellence to benefit humanity.

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ICF Mission Statement (cont'd)

The IEEE Canadian Foundation fulfills its purpose:

- by awarding special grants to new and innovative projects within Canada that seek to apply technology for the benefit of humanity, and

- by awarding grants to IEEE student branches in Canada to support IEEE McNaughton Learning Resource Centres, related scholarships and student initiatives , and

- by serving as the fund administrator for peer recognition programs and scholarships within Canada

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History 1 of 2

1955 – IRE Toronto Section members start a conference to showcase Canadian industry

1971 – Conference incorporated as IEEC Inc.

reserve funds set aside to ensure financial stability

1972 – Committee (CURF) funds IEEE student activities in Canada

1987 – Conference ceases, CURF continues

1989 – IEEC Inc. explores evolution into ICF

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History 2 of 2

1992 – ICF is born – by-law changes to meet requirements of the Public Trustee of Ontario

1993 – Revenue Canada grants "registered charity status as a public foundation"

2004 – Montreal Conferences Inc. joins ICF with funds and bilingual volunteers

2008 – ICF membership includes all Sections

2012– ICF initiates Facebook presence

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Who are the ICF Members

- ❑ **Must be IEEE Senior Member or Fellow**
- ❑ **Most are former Section Chairs (in Canada)**
- ❑ **Some have been Student Branch Counselors or Chapter Chairs**
- ❑ **Some are former IEEE / IEEE Canada Officers**
- ❑ **Representation from every Canadian Section**
- ❑ **All are great IEEE volunteers**

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Structure

- ❑ **Up to 30 Members**
- ❑ **12 Directors**
- ❑ **10 Committees**
- ❑ **1 AGM, 4 Board Meetings**
- ❑ **No Staff – all volunteers, no travel costs**
- ❑ **Web-based meetings with teleconference**
- ❑ **Bilingual Services**
- ❑ **Web-based Grant Applications & Scholarship/Prize Nomimations**

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Administration

❑ **Members AGM** – elect directors, approve budget,
   receive auditors report, appoint auditors

❑ **Directors** – elect members, run the business -
   e.g. Approve grants, investments & develop policies

❑ **Committees**
   Grants – recommend/implement all grant related activities
   Development – seek donations, recommend/implement strategy
   Section Liaison – maintain contact with Sections (One ICF member in each Section)
   Student Branch Liaison – maintain contact with Branches
   Investment Advisory (outside experts) – recommend investment strategy
   ExCom – President, VP Grants, VP Development, Treasurer, SecretaryFinance
   AND – Audit, Finance, Nominating & Corporate Governance, Webmaster

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Financial Operation

❑ **Initial Funding from IEEC Inc.**

❑ **Supplemented by MCI Inc., Ottawa Conference**

❑ **General Funds from Individual Donors**

❑ **Directed Funds from IEEE Canada, Sections,**

   TELUS, CHECE, IEEE Foundation, Individual Donors

❑ **Investment Income**

❑ **Disbursement Requirements (CRA): 3.5% of Assets**

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Donations

One Time or Annual Donations

- **On-line 'Canada Helps' via our website – instant receipts**
- **IEEE Annual Renewal Process – on-line or mail**
- **Mail a cheque to our Treasurer**

Planned Donations

- **A bequest via our Treasurer**
- **A directed donation to endow an annual scholarship, award, prize. e.g. $20,000 donation → $1,000/yr**

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Philanthropic Activities 1 of 5

Approved Disbursement History

1985 to 2001	$ 926,497
2002	$ 71,747
2003	$ 55,468
2004	$ 52,786
2005	$ 46,670
2006	$ 52,950
2007	$ 47,432
2008	$ 50,454
2009	$ 42,063
2010	$ 58,145
2011	$ 57,035
2012	$ 54,000
Total	$1,515,247

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Source: ICF General Fund

- **IEEE McNaughton Learning Resource Centre Grants**
  33 locations, up to 75% funding, ($1k - $5k), Nov 15
  Initial start-up, ongoing maintenance/upgrade

- **IEEE Canadian Foundation Scholarships**
  up to 5/yr, ($5000 Univ. or $2500 Col.), Mar 15
  Nomination by SB Counselor, report by nominee

- **IEEE Canadian Foundation Humanitarian Grants**
  one time funding, ($500 - $5000), Mar 15 & Nov 15
  Group or individual – administered by IEEE Canada Humanitarian Committee

- **IEEE Canadian Foundation Special Grants**
  one-time funding, ($500 - $5000), Mar 15 & Nov 15
  Group or individual, no personal benefit, detailed proposal
  Robotics, special travel, conferences, projects

- **Support for annual Student Congress**

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Philanthropic Activities 3 of 5

Source: ICF Endowed Funds

- **IEEE Vancouver Section Scholarship**
- **IEEE North Saskatchewan Section Huff Memorial Scholarship**
- **IEEE Ottawa Section Scholarship**
- **IEEE Montreal Section Achievement Medal**
- **IEEE Canadian Foundation Québec Science Fair Prizes**
- **IEEE Canada Women In Engineering Prize**
- **IEEE Canada Power Quality Scholarship**
- **IEEE Canada Vehicular Technology Travel Sponsorship**
- **IEEE Canada W. S. Read Outstanding Service Medal**
- **IEEE Canada Fessenden Medal (Telecommunications)**
- **IEEE Canada Outstanding Engineering Educator Medal**
- **IEEE Canada Robert Tanner Outstanding Industry Leader Medal**

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Carleton University: An unbroken streak

2004	N. Ratnasabapathy
2005	M. Chawla
2006	N.S. Rehman
2007	F. Khan
2008	S. Cloghesy
2009	Jieyi Rong
2010	Mohamed Haggag
2011	Daphne Ong
2012	Abdulhak Nagy

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IEEE Canadian Foundation Special Grants Awarded 2012

$1,000 Carleton Ballistics Group - CanSat Competition
$1,000 Bayview Secondary - First Robotics Competition
$2,000 Glebe Collegiate - First Robotics Team
$1,500 University of Waterloo - Robocup Competition
$1,000 UBC Project GROW - Solar Energy and Water Diversion
$ 600 McGill - Communicate Your Research
$1,500 University of Ottawa - SPAC 2012
$2,000 IEEE Canada - Student Branch Training Workshop

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IEEE McNaughton Learning Resource Centres by Date of Formation

1979 University of Manitoba	1989 Seneca College
1979 University of Toronto	1990 University of Saskatchewan
1980 Carleton University	1991 University of Ottawa
1980 University of Waterloo	1991 Ecole Polytechnique
1981 Niagara College	1992 Université du Québec à Trois-Rivières
1982 University of New Brunswick	1992 St Clair College
1982 McMaster University	1994 SAIT (closed in 2002)
1983 McGill University	1995 Algonquin College
1983 Queen'sUniversity	1996 Ryerson Polytechnic University
1983 University of Regina	1996 University of Alberta
1983 University of Calgary	1999 Université de Sherbrooke
1984 Red River College	2000 Memorial University of Newfoundland
1985 Université Laval	2003 University of Western Ontario
1986 Conestoga College	2006 Royal Military College
1988 University of British Columbia	2006 University of Guelph
1988 Concordia University	2006 University of Victoria
1989 Dalhousie University	2010 UBC Okanagan

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The newest IEEE McNaughton Learning Resource Centre established at UBC Okanagan - the School of Engineering matched the ICF grant and provided space for the centre, which is open to all UBC students. UBC 3rd yr. student member Emily Landry initiated the grant application and subsequently was nominated by her branch counselor to receive a $5,000 ICF Scholarship for her leadership in the centre which facilitates design projects or learning about technical topics that strike one's curiosity.

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Success Stories 2 of 4

2012 Electricity and Irrigation for Rural Ghana

Emily Landry travelled to Ghana to bring solar power enhancing communications in remote villages.

A contractor will train the villagers in the operation and maintenance of the solar power system, and help them to expand the system.

She left 3 solar cell phone chargers there to eliminate the need for a 1.5 hour drive to recharge the phones and laptops in the village.

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Success Stories 3 of 4

2010
[Innovative Technology for the Betterment of Humanity](#)

An IEEE Canadian Foundation Humanitarian grant enables U Calgary students to develop and run a design-based competition to develop skills to apply technology towards global welfare.

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Success Stories 4 of 4

2009 [All Saints High School Robotics Team](#)

An IEEE Canadian Foundation Special Grant enables an Ottawa area High School to compete in the FIRST Robotics Competetion in Toronto. While initially having no IEEE connection, this sucess and a smaller subsequent grant in 2010 generated a connection with the local IEEE Section.

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Who to contact

President:

David Whyte   **president@ieeecanadianfoundation.org**

Vice President Grants:

Dave Kemp   **grants@ieeecanadianfoundation.org**

Vice President Development:

Mo El-Hawary   **development@ieeecanadianfoundation.org**

Treasurer:

Luc Matteau

treasurer@ieeecanadianfoundation.org

IEEE Canadian Foundation

456 Rogers Street, Peterborough, ON K9H 1W9

full details on our bilingual website

http://ieeecanadianfoundation.org

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