IEEE Canadian Foundation

Luc C. Matteau,

P. Eng., LSMIEEE, Treasurer

IEEE Canada SAC Congress

September 20, 2014

IEEE Canadian Foundation
Foundation Canadienne de l'IEEE

IEEE Canadian Foundation

20th Anniversary

1994-2014

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20th Anniversary

ICF Outstanding Service Award
Miro G. Forest

Miro G. Forest
- Emeritus Director & Founding ICF President

Bob Alden
- Director & Past President

David Whyte
- President

(R-L)

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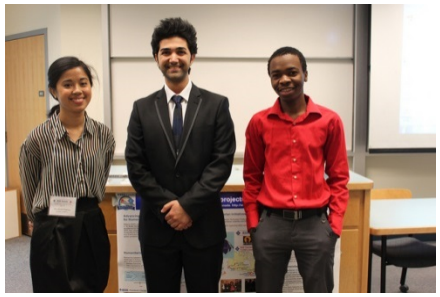
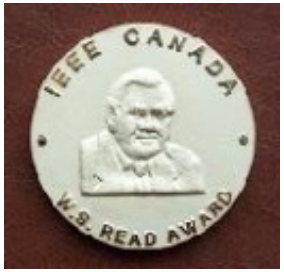
Foundation Canadienne de l'IEEE

What We Do

- grants to new and innovative projects within Canada that seek to apply technology for the benefit of humanity (encourage entrepreneurship)
- grants to IEEE student branches in Canada to support IEEE McNaughton Learning Resource Centres and related scholarships
- fund administrator for peer recognition programs and scholarships within Canada
- $1,577,597 cumulative disbursements to 2013





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McNaughton Learning Resource Centre's

2013 U of Ontario Institute of Technology
2013 Ecole De Technology Superieure (ETS)
2010 UBC Okanagan
2006 Royal Military College
2006 University of Guelph
2006 University of Victoria
2003 University of Western Ontario
2000 Memorial University of Newfoundland
1999 Université de Sherbrooke
1996 University of Alberta
1996 Ryerson University
1995 Algonquin College
1994 S. A. I. T. (closed 2002)
1992 St. Clair College
1992 Université du Quebec a Trois Riviere
1991 Ecole Polytechnique
1991 University of Ottawa

1990 University of Saskatchewan
1989 Seneca College
1989 Dalhousie (TUNS)
1988 Concordia University
1988 University of British Columbia
1986 Connestoga College
1985 Laval University
1983 University of Calgary
1983 University of Regina
1983 Queen's University
1983 McGill University
1982 McMaster University
1982 University of New Brunswick
1981 Niagara College
1980 University of Waterloo
1980 Carleton University
1979 University of Toronto
1979 University of Manitoba

The McNaughton Centre concept was pioneered at the University of Manitoba by Ted Glass, 1978-79 Regional Director

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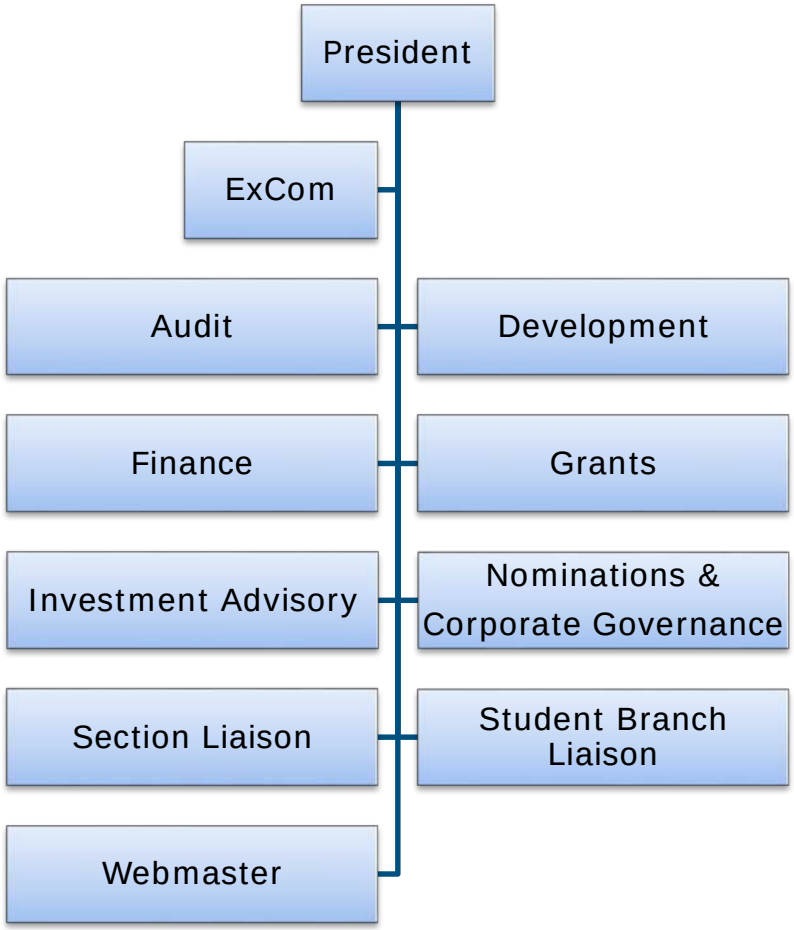
WHAT IS POSSIBLE

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
2013	Mohamed Abdelazez
2014	Amente Bekele

ICF Structure



4 Officers – one year terms
(President, VP Grants, VP Development, Treasurer, Secretary)

12 Directors – three year terms
30 Members – five year terms

ExOfficio – IEEE Canada Past President

All ≥ Senior Member, resident in Canada

All volunteer, no travel

CRA Registration no.: 02450376RR0001

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Western Canada ICF Members

Victoria	Aaron Gulliver
Vancouver	Dave Michelson, Mazana Armstrong, Fiorenza Albert-Howard
N Canada	Pankaj Sharma
S Alberta	Rob Anderson
N Saskatchewan	Denard Lynch ●
S Saskatchewan	Luigi Benedicenti
Winnipeg	Dave Kemp ■

● current Director ■ current Officer

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Central Canada ICF Members

London	Kash Hussein, Maike Luiken
Hamilton	Ray Findlay ●, Scott Lowell ■
Kitchener-Waterloo	John Mowbray
Toronto	Bob Alden ●, David Whyte ■
Peterborough	Luc Matteau ■
Kingston	John Plant ●, Keith Brown ●

● current Director ■ current Officer

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Eastern Canada ICF Members

Ottawa	Wahab Almuhtadi ●, Branislav Djokic
Montreal	Eric Holdrinet ●, Anader Benyamin-Seeyar, Nazih Mallat
St. Maurice	Christian Pepin
Quebec	Paul Fortier
New Brunswick	Elmer Bourque
Canadian Atlantic	Mo El-Hawary ■
Newfoundland	Lori Hogan

● current Director ■ current Officer

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Core Programs

IEEE McNaughton Learning Resource Centre Grants

- 35 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, Declaration by Nominee

IEEE Canadian Foundation Special Grants (incl. Humanitarian)

- one-time funding, (~$500 - $5000), Mar 15, Aug 15, Nov 15
- Group or individual, no personal benefit, detailed proposal e.g. robotics, special travel, student initiatives, projects

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

2013 Awards Summary

2013 total – awarded $62,350

- 7 IEEE McNaughton Centre Grants
  - Includes two new Centres: University of Ontario Institute of Technology and École de technologie supérieure
- 5 ICF Scholarships
- 14 ICF Special Grants (incl. 1 Humanitarian)
- 1 IEEE Canada Women in Engineering Prize
- 2 ICF Super Expo-sciences Hydro-Québec Prizes
- 1 Power Quality Scholarship
- 1 IEEE Canada VT Travel Grant
- 3 IEEE Canada Medal Endowments

2014 Spring Summary

2014 Spring awarded

- 5 ICF Scholarships
- 4 ICF Special Grants (incl. 1 Humanitarian)
- 1 IEEE Canada Women in Engineering Prize
- 1 Power Quality Scholarship
- 2 ICF Super Expo-sciences Hydro-Québec Prizes
- 4 IEEE Canada Major Awards

PES+ Scholarship agreement

2014 Developments

2014 ICF increased budget = new grants potential

- Competitive process
- Rigorous and independent review
- Read descriptions and FAQs
- Put your best foot forward!

Women in Engineering Prize

- Now 15 year interval, consistent with Young Professionals

$20 for 20 Years

- Anniversary campaign

2014 Nominations & Applications

Submissions Due Dates:

August 15, 2014

- Special Grants, VT Travel Grant

November 15, 2014

- McNaughton Learning Resource Centre Grants, Special Grants, VT Travel Grant

March 15, 2015

- IEEE Canadian Foundation Scholarships, Special Grants, Women in Engineering Prize, Power Quality Award, VT Travel Grant

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Grow the ICF

Donations

- Any size - one-time or continuing, personal or corporate
- Fund an award (scholarship, grant, prize, medal)

Ways to Give

- Annual IEEE Membership Renewal
- On-line at www.ieeecanadianfoundation.org ⇨ CanadaHelps.org giving made simple
- Mail cheque to Treasurer
- Direct a donation to endow an award
- Make a bequest, gift in memory or in honour
- Tax receipts issued (in Canada)

How You Can Help

Your help is needed and appreciated

- to make a personal donation
- to promote giving within your Section
- to publicize our program of philanthropy (in Sections, Chapters, Groups, Branches)
- to have an ICF Member assist/speak at any ICF scholarship and other award presentation

Thank you…

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Who to Contact

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Treasurer: Luc Matteau
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full details on our bilingual website

http://ieeecanadianfoundation.org

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