

**DEPARTMENT OF
ELECTRICAL AND COMPUTER ENGINEERING**

2013 AWARDS PROGRAM

Thursday, November 14, 2013

Reception: 12:00 Noon

Award Presentations: 1:00 p.m.

**George Vari Engineering and Computing Centre Location
245 Church Street, 3rd floor Atrium**

Ryerson University

www.ee.ryerson.ca

Scholarships and Awards Committee

Dr. Muhammad Jaseemuddin, Chair, Awards Committee

Dr. John Chen, Faculty Member

Dr. Vadim Geurkov, Faculty Member

Dr. Karthi Umapathy, Faculty Member

Yvonne Cordwell, Program Assistant

Awards and Scholarships are decided on the basis of grade point scores, or where applicable, a combination of grade point scores and unique criteria pertaining to the particular award.

Except for graduating students, only those students with a current full-time registration in the program offered by the Department of Electrical and Computer Engineering are eligible for the awards.

ENTRANCE SCHOLARSHIP WINNERS

BIOMEDICAL ENGINEERING

\$6,000

Faraz Sadrzadeh-Afsharazar
Robert Stefan
**Pierre Lassonde Entrance Awards in
Engineering**

\$2,500

Alison Doucette
Jennifer Eshoua
Mireille Gendy
Fayez Qureshi
Melody Spitzer
Robert Stefan

\$1,000

Mireille Gendy
**Ontario Professional Engineers
Foundation for Education
Entrance Scholarship**

\$1,000

Nauman Baig
Keerthana Gunendran
Rinujan Kananasan
Kianasadat Kasaei Dehkordi
Cassandra Madassa
Michael Nigro
Sidrah Noor
Sehar Rija
Seyed-Youns Sadat-Nejad
Faraz Sadrzadeh-Afsharazar
Arianna Soave
Marcus Walters

\$500

Shahzaib Afzal
Fariah Ahmed
Sepehr Ataei
Kyle Burnett
Maysam Herawi
Mayuri Jain
Eric Khair
Mirjam Lamcja
Sarah Mahagavi
Daniel Mancuso
Sharif Mansour
Arsalan Merchant
Arpitkumar Patel
Justin Pontalba
Akshar Ramwala
Joshua Seebalak
Helen Umanzor
Eric Van Overdijk
Ryan Walsh

ENTRANCE SCHOLARSHIP WINNERS

COMPUTER ENGINEERING

\$2,500

Francis Briones
Avram-Chaim Levy
Giancarlo Mora
Mel Perpose
Shireen Rahman
Daniel Shetin

\$1,000

Eber Antony
Alvin Chacko
Winston Chow
Oem Dave
Ashwin Kannothe
Hassan Khan
Joshua Manalo
Luzalen Marcos
Paul Martins
Thanh Nguyen
John Nonan
Aishani Patel
Aqueel Shaikh
Robin Talwar
Martin Tran
Sean True

\$500

Niruban Arulselvan
Serban Badea
Neveen Baskaran
Mazen Bitar
Jobe Cada
Ka Chan
Berry Chong
Christopher Dokurno
Kevin Freire-Ayora
Jason Hou
Dulanji Jinadasa
Robert Kertes
Jay Lad
Fahim Lallani
Vinh Luu
Ali Omar
Kisok Palahumar
Alexander Prawdiuk
Shanojan Ragunathan
Sina Sadeghi Fard
Aicee Sarmiento
Danushyan Shandrakaram
Anthony Sistilli
Matthew Smith
Neethan Surendran
Marlin Toshkezi
Vadivalavan Upendiran
Vruti Vaghela
Thomas Varga
Anthuan Woods
Quansheng Xiong

ENTRANCE SCHOLARSHIP WINNERS

ELECTRICAL ENGINEERING

\$6,000

John Varghese
Pierre Lassonde
Entrance Awards in
Engineering

\$2,500

Pouya Moayed Saffari
Artin Mosavi
John Varghese

\$1,000

Edwin Alegre
Amin Shahariar
Jovan Arsovski
Joshua Crisolo
Nicholas Dimitrakopoulos
Tenzi Dudoul
Daniel Duke
Sudman Ezhar Arpon
Rumman Islam
Xuankang Li
Clinton Lian
Lukas Lyjak
Muhammad Muhammad
Dwayne Noronha
Ilmurat Ownuk
Hammad Rehman
Sakibur Sakib
Brandon Sazant
Bruce Sirbovan

\$500

Sharoon Akhtar
Christian Ano
Hasib Ashfaq
Wilfred Barreto
Jordan Bryan
Zhelin Chen
Joy Chowdhury
Nebi Cicek
Deep Desai
Ravindra Dindyal
Elie Feghali
Emil Giladov
Ali Hasan
Yina He
Sahil Hukil
Amro Isaac
Rayan Islam
Pranav Kalra
Ilgar Khaligov
Bilal Khan
Najibullo Khudoi Nazar
Mario Kilzi
Lauren Kohli
David Le
Jian Luo
Brandon Mac
Iamn Malhi
Amos Mensah
Charles Nadarajah
Aleksandar Nikolovski
Jeffin Parekkattil Varghese
Dishaben Patel
Idi Qinami
Ashifur Rahman
Jigar Solanki
Myles Swan
Mohammad Tahsin
Mohid Tayyub
Uditha Ubayasirinarayana
Junghyun Yoo
Ibrahim Yusuf
Sunny Zaman

FOR ACHIEVEMENT IN FIRST YEAR

BIOMEDICAL ENGINEERING

Charles A. Root Award

\$2,000

Arianna Soave

COMPUTER ENGINEERING

Aditya Jha Diversity Award for Academic Achievement

\$2,894.50

Kajen Rajasegaram

ELECTRICAL ENGINEERING

Gordon and Agnes (Twambley) Brash Award for Academic Excellence

\$3,000

Amitpal Bains

Jack Roy Longstaffe Memorial Scholarship for Academic Excellence

\$1,000

Noman Ahmed Fazal

Jack Roy Longstaffe Memorial Scholarship for Academic Excellence

\$1,000

Gen Wu Jin

FOR ACHIEVEMENT IN SECOND YEAR

BIOMEDICAL ENGINEERING

James H. Rattray Memorial Award for General Proficiency

\$200

Andrew Christie

COMPUTER ENGINEERING

Ryerson University Alumni Association Award

\$876.00

Ebenezer Ankrah

Aditya Jha Diversity Award for Academic Achievement

\$2,894.50

Philip Feldman

FOR ACHIEVEMENT IN SECOND YEAR

ELECTRICAL ENGINEERING

Pierre Lassonde OSMS Award

\$2,500

Ismail Al-Janabi

Jack Roy Longstaffe Memorial Scholarship for Academic Excellence

\$1,000

Sami Dalati

Dimitri Klimow Memorial Scholarship for Academic Excellence

\$752

Sami Dalati

Ontario Professional Engineers Foundation for Education Undergraduate Studies Scholarship

\$1,250

Anna Leshchenko

Gordon and Agnes (Twambley) Brash Award for Academic Excellence

\$3,000

Heqiang Lin

IEEE Toronto Section Scholarship for Academic Excellence

\$2,000

Heqiang Lin

Stalin Boctor Circuits Award for Academic Excellence

\$2,000

Heqiang Lin

Jack Roy Longstaffe Memorial Scholarship for Academic Excellence

\$1,000

Ali Pesaransharif

Rockwell Automation Award for General Proficiency

\$500

Michael Taracha

FOR ACHIEVEMENT IN THIRD YEAR

BIOMEDICAL ENGINEERING

Ingenium Group Jack Lemay Memorial Award for Academic Excellence

\$2,500

Mashal Farid

Stalin Boctor Circuits Award for Academic Excellence

\$2,000

Mashal Farid

George Wong Scholarship in Engineering for Academic Excellence

\$1,000

Mashal Farid

Gordon and Agnes (Twambley) Brash Award for Academic Excellence

\$3,000

Siavash Jafarpour

FOR ACHIEVEMENT IN THIRD YEAR

ELECTRICAL ENGINEERING

Walter Anderson Award in RF Communications

\$1,000

Kamyar Ammar-Saidi

Jack Roy Longstaffe Memorial Scholarship for Academic Excellence

\$1,000

Matthew Morelli

Brosz & Associates Forensic/Science Engineering Award for Academic Excellence in Theory and Lab Work in Sensors and Measurements

\$1,000

Amanda O'Halloran

Michael Stechly Memorial Award for Academic Excellence

\$778

Amanda O'Halloran

Professor Frank Juranka Memorial Scholarship for General Proficiency and Excellence in Energy Conversion

\$178

Palak Sharma

Gordon and Agnes (Twambley) Brash Award for Academic Excellence

\$3,000

Oleg Sirghii

Canadian Electronics Representative Association (CERA) Award for Academic Achievement

\$1,000

James White

FOR ACHIEVEMENT IN FOURTH YEAR

BIOMEDICAL ENGINEERING

IEEE Toronto Section Scholarship for Academic Excellence

\$2,000

Sahar Feroz

IEEE Toronto Section, Wallas Khella Scholarship for Academic Excellence

\$2,000

Vepeson Wijeyakulasingam

ELECTRICAL ENGINEERING

David Platnick Memorial Award for General Proficiency and Excellence in Design Project Performance

\$416

Dmitry Ogorodnikov

Ed Towgood Award for Excellence in Thesis Project Performance

\$148

Hooman Samani

2013 CAPSTONE DESIGN PROJECT AWARDS

The Hall Monitor

Reuben Fernandez, Kuljit Viridi, and Peter Wang
FLC: Dr. B. Standish

3D Heart Model for Cardiac Activation Display

Group: Abdallah El-Falou, Shaima Abid, Rajjeet Phull
FLC: Dr. K. Umapathy

Haptic Surgical Training System

Group: Sahar Feroz, Angela Ip, Na Li
FLC: Dr. J. Smith

Online Speech Recognition and Training for Language Learning

Ashraf Mehrazar, Samira Moharramzadeh, and Thi Minh Thu Vu
FLC: Dr. K. McConville

Smart Robotic Arm

Hoang Dang, Kenny Foo-Kune, Sarmilan Sooriyaganthan
FLC: Dr. K. Raahemifar

Integrated Circuit Layout – The Physical Layout of an SRAM-Based FPGA

Robert Chin and Elizabeth Golowenko
FLC: Dr. A. Ye

Design of a Tracking System for Solar Cells

Gaurav Prasher, Morton Nedd, and Senthuran Uthayakumar
FLC: Dr. M. Jaseemuddin

Second Sight

Saidurga Kalluri, Prachi Raibagi
FLC: Dr. B. Venkatesh and K. Raahemifar

Hybrid/Electric Vehicle & Home Monitoring and Security System

Evgheni Crujcov, Dmitry Ogorodnikov, and Laura Thomas
FLC: Dr. V. Geurkov

Miniaturized Brushless DC Motor Controller

Edwin Bishun, Carlos Chavarria, Jan Co Chiong
FLC: Dr. F. Yuan

DEAN'S LIST - BIOMEDICAL ENGINEERING

Androu Abd Al Malak
Raghad Abdulmajeed
Shaima Abid
Soroush Abidi Tafreshi
Merna Agaybi
Faris Ali Akbar
Aseel Al-Mohammedi
Nico Arezza
Ashkan Bargriz Farshi
Brian Battaglia
Marcelle-Andree Carneiro
Abed Chalich
Andrew Christie
Sean DeLong
Ryan Deorajh
Dustin Dopsa
Chaohua Du
Abdallah El-Falou
Mashal Farid
Hamza Farooq
Reuben Fernandez
Sahar Feroz
Naveed Ghandehari
Matthew Hotradat
Bethany Hughes
Anber Ikram
Syem Ishaque
Miriam Iskander
Sara Jafari
Siavash Jafarpour
Steven Jones
Shahin Khayyer
Sarah Kiros
Sharadha Kolappan
Philips Lai
Jacob Leung
Na Li
Shen Lin
Michelle Luk
Ashraf Mehrazar
Fatma Mohamed Khedr
Sondos Mohammad Ayysah
Mohammad Parahoo
Rajjeet Phull
Alan Quach
Brahmdeep Saini
Shahini Sirikantharajah
Marim Soliman
Mehwish Sultan
Anup Suresh
Thi Than
Jobin Thayilchira

Suzanna Vader
Kuljit Virdi
Thi Vu
Truc Vu
Jason Widla
Brian Wijayanandan
Vepeson Wijeyakulasingam
Aravind Yohanathan
Sara Yoseph
Sulmaz Zahedi
Mohammad Zaman

DEAN'S LIST - COMPUTER ENGINEERING

Tinh Bui
Vincent D'Ettore
Jason Drossis
Yue Feng
Elizabeth Golowenko
Kelvin Gonzales
Alesha Hoo
Eshan Jayawardana
Saidurga Kalluri
Yiannis Karaziakos
Dinujan Krishnakumar
Sivapiriyam Kumarasamy
Necat Kun
Bhawanpreet Lakha
Sergey Leminov
Lu Li
Gentian Licenji
Marc Lozier
Matthew Lum
Ajay Mistry
Ibrahim Mohamed
Aaron Mulveney
Ali Pesaransharif
Alex Pluchik
Keven Pogrzeba
Prachi Raibagi
Juan Alvarez Roca
Mian Shah
Jason Sheehy
Omer Shukrullah
Yu Sui
Narmathan Thavalingam
Jianwen Yu
Leon Zeng

DEAN'S LIST - ELECTRICAL ENGINEERING

Abbas Abdul Hashim
Joseph Alarcon
Ali Al-Darraji
Ismail Al-Janabi
Basmel Al-Saad
Kamyar Ammar-Saidi
Stanislav Arkadyev
Saad Awan
Amitpal Bains
Stanley Balshin
Ajay Basnet
Sushrut Bhalla
Edwin Bishun
Bryan Bonnici
Kejdi Brace
David Chau
Chen Che
Robert Chin
Sami Dalati
Hoang Dang
Deepkumar Dave
Alexandre Doubov
Majid Farahzad
Noman Fazal
Robert Ferraz
Joshua Genser
Brett Grady
Rogger Guzman-Bucheli
Husni Hajihassen
Mansoor Haqanee
Jun He
Jamie Huy
Iliia Iontchev
Danesh Irani
Saad Javed
Thinesch Jegatheeswaran
Genwu Jin
Nicholas Jowlabar
Sandeep Kaler
George Karram
Michael Kobelak
Akshay Kumar
Samuel Labrier
Nikolay Lazarov
Julia Lee

Francis Leong
Anna Leshchenko
Ang Li
Jionsen Li
Heqiang Lin
John Litosh
Tian Ma
Ahalya Mathanrai
Arash Moghimi
Matthew Morelli
Jagjot Mundi
Ali Naji
Edward Nidoy
Amanda O'Halloran
Sina Panahandeh
Akash Patel
Muhammad Raza
Saba Sabetian
Jabran Sajid
Leonard San Juan
Rajat Sikder
Ian Sing
Thubarakan Sothilingam
Yan Stefanovich
Lianjie Sun
Randy Tan
Michael Taracha
Laura Thomas
Adrian Vivar Rodriguez
Davy Vong
Pasindu Waragoda
Shane West
Patryk Widerkiewicz
Brian Wijeratne
Xin Zhao
Mingming Zhu
Aakar Zinzuwadia
Ayham Zoudeh

2012- 2013 UNDERGRADUATE ACADEMIC EXCELLENCE AWARDS

Androu Abd Al Malak
Ashkan Bargriz Farshi
Sushrut Bhalla
Tinh Bui
Abed Chalich
Andrew Christie
Sami Dalati
Mashal Farid
Hamza Farooq
Husni Hajihassen
Jun He
Shahin Khayyer
Sergey Leminov
Jionsen Li
Genti Licenji
Heqiang Lin
Michelle Luk
Ahalya Mathanrai
Matthew Morelli
Edward Nidoy
Amanda O'Halloran
Sina Panahandeh
Omer Shukrullah
Rajat Sikder
Marim Soliman
Michael Taracha
Pasindu Waragoda
Brian Wijayanandan
Mingming Zhu
Aakar Zinzuwadia

2012 GRADUATE RESEARCH EXCELLENCE AWARDS

GREA Winners in MASc.

Richa Siddavaatam
Guangyu Zhu

GREA Winners in PhD.

Alaa Abdullah
Mohammadreza Balouchestani
Mohamed Elalem
Reza Ghaffari
Peter He
Chengliang Huang
Sattar Hussain
Chandrabhanu Kankanamagle
Naimul Khan
Xiaoming Nan
Joseph Santarcangelo
Mehrnaz Shokrollahi
Barry Vuong
Zhibing Xie
Venkata Yaramasu
Peng Yu
Yushi Zhou
Ning Zhu

2013 GRADUATE AWARDS

RYERSON GOLD MEDAL

Raymond Phan

NATIONAL SCIENCE AND ENGINEERING RESEARCH COUNCIL

Yushi Zhu

ONTARIO GRADUATE SCHOLARSHIP

Alaa Abdullah
Mohamadali Beheshti
Victor Dumitriu
Ayman Elkasrawy
Abid Jan
Naimul Mefraz Khan
Karl Magtibay
Hooman Samani

Saba Sedghizadeh
Yasir Shoaib
Laura Beth Thomas
Anita Tino
Barry Vuong
Ziyang Zhang
Guangyu Zhu