# DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING 2012 AWARDS PROGRAM

#### Thursday, November 15, 2012

Reception at 12:30 p.m. Award Presentations at 1:30 p.m.

George Vari Engineering and Computing Centre 245 Church Street, ENG-103

Faculty of Engineering and Architectural Science

www.ee.ryerson.ca



Everyone Makes a Mark

# DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING PROGRAM

#### **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, Departmental 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**

#### \$4,000

Sean Delong

#### \$1,000

Nabila Abraham Harrsan Parameswaran

Aamna Ahmed Dhruv Patel

Anshumaan Arif Ahamed Visshan Selvarajah

Kubra Coksurer Nabil Uddin Matthew Hotradat Michael Zara

#### \$500

Mustafa El-Rahi Samatar Mohamed Erin Evite Akshara Paulraj Khushwinder Hanjrah Tanzina Rahman

Asif Khan Harikrishanathan Sathasivam

Malik Khan Navdeep Sidhu Kushagra Luthra Nahum Tefera

Atmiya Maisuria

#### **COMPUTER ENGINEERING**

#### \$1,000

Alfred Alfonso Sivapiriyan Kumarasamy

Varun Arora
Vishal Mehra
Vartan Belavejian
Meet Patel
Yuebing Chen
Gianfranco Cusmano
Vincent D'Ettore
Mohamadou Dibbasey
Vishal Mehra
Meet Patel
Alireza Pourali
Nikki Quibin
Rayan Sebaaly
Oleh Zhyhinas

Dinujan Krishnakumar

#### \$500

Ryan Acena

Abdul Afzal **Christopher Collins** Alireza Afzalian Naini Prdeep Devaraj Hamdi Ahmed Yusuf Egbeyemi Omar Fl Bassiouni Saad Ahmed Girin Amin Taha Gharib Abik Baghdasarian Saad Javed Alexandru Bradau Saieevan Jeeva Alexander Checca Sumedh Kulkarni

Kerstan Cheng Necat Kun

#### **ENTRANCE SCHOLARSHIP WINNERS (CONT'D)**

Andrew Le Mikhail Orechnikov
Aethne Mitchell Puya Rajabian Chaghoosh
Waleed Mughal Athavan Rajasingham
Thanish Munas Amandeep Singh
Dylan Noronha Jerooen Thevarajah
Rikenbhai Patel Jason Trieu
Rahul Plaha Anmoldeep Warriach

#### **ELECTRICAL ENGINEERING**

#### \$1,000

Lukas Buzny Harsh Patel

Nemanja Ceranic Bavatharani Pramachandiran

Shih Chu Muhammad Raza
Wilson Chu Saba Sabetian
Neel Desai Tausif Sharif
Patrick Dudkowski Gabriel Sumabat
Md Hossain Hua Wang

Peter Landingin Patryk Widerkiewicz Jonathan Law David Zhang

#### \$500

Faraz Ali Saurabh Mistry Abdullah Arshad Jagiot Mundi Marko Basara Abdullah Musleh Pavithiran Baskaran Karam Namek **Aavush Bhatt** Agsa Nawaz **Kyle Bolton** Michael O'Neill Khayyam Butt Aksah Patel Felix Cheuna Dvlan Pereira

David Corvinelli Tharmiga Ragunathan

Nicholas D'Avino
Nalin Rungee
Saif Hossain
Sujeet Jagannathan
Thinesch Jegatheeswaran
Kajan Krishnamoorthy
Exequiel Lampa
Abdirizak Mahamud
Nalin Rungee
Kazi Saad
Radu Serban
Graeme Shaw
Arujan Sivanathan
Nikita Strelyanny
Tanissan Thavathurai

Jananan Mahesan Tina Tohidi

#### FOR ACHIEVEMENT IN FIRST YEAR

#### **BIOMEDICAL ENGINEERING**

# Ontario Professional Engineers Foundation for Education Entrance Scholarship for Academic Excellence

\$1,000

Sean Delong

#### Pierre Lassonde Entrance Award in Engineering

\$6,000

Mohammad Ali Zaman

#### **COMPUTER ENGINEERING**

#### **Aditya Jha Diversity Award for Academic Achievement**

\$2.800

Ali Pesaransharif

#### Jack Roy Longstaffe Memorial Scholarship for Academic Excellence

\$1,000

Genti Licenji

#### **Aditya Jha Diversity Award for Academic Achievement**

\$2,800

Genti Licenji

#### Pierre Lassonde Entrance Award in Engineering

\$6,000

Amir Sadeghzadeh

#### **ELECTRICAL ENGINEERING**

#### Charles A. Root Scholarship for Academic Excellence

\$2,000

Maryam Alizadeh-Ebadi

#### Pierre Lassonde Optional Specialization (OSMS) Award

\$2,000

Ali Al-Darraji

#### Gordon and Agnes (Twambley) Brash Award for Academic Excellence

\$2,400

Heqiang Lin

#### Jack Roy Longstaffe Memorial Scholarship for Academic Excellence

\$1,000

Hegiang Lin

#### FOR ACHIEVEMENT IN FIRST YEAR (CONT'D)

#### Pierre Lassonde Entrance Award in Engineering

\$6,000

Faisal Rizwan Tina Tohidi

# Ontario Professional Engineers Foundation for Education Entrance Scholarship for Academic Excellence

\$1.000

Tina Tohidi

#### FOR ACHIEVEMENT IN SECOND YEAR

#### **BIOMEDICAL ENGINEERING**

#### Aileen Clark Lambie Scholarship

\$1,500

Jolene Funk

#### Michael Stechly Memorial Award for Academic Excellence

\$758

Michelle Luk

#### **ELECTRICAL ENGINEERING**

#### **IEEE Toronto Section Scholarship for Academic Excellence**

\$1,000

Sushrut Bhalla

#### Gordon and Agnes (Twambley) Brash Award for Academic Excellence

\$2,400

Husni Hajihassen

#### Stalin Boctor Circuits Award for Academic Excellence

\$2,000

Husni Hajihassen

#### **Dimitri Klimow Memorial Scholarship for Academic Excellence**

\$7.32

Matthew Morelli

#### **Jack Roy Longstaffe Memorial Scholarship for Academic Excellence**

\$1,000

Pasindu Waragoda

#### FOR ACHIEVEMENT IN THIRD YEAR

#### **BIOMEDICAL ENGINEERING**

### Gordon and Agnes (Twambley) Brash Award for Academic Excellence \$2 400

Marim Soliman

#### **ELECTRICAL ENGINEERING**

# Gordon and Agnes (Twambley) Brash Award for Academic Excellence \$2,400

Basmel Faisal Al-Saad

# Ontario Professional Engineers Foundation for Education Undergraduate Studies Scholarship for Academic Excellence

\$1,250

Julia Lee

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

\$173

Palak Sharma

# Jack Roy Longstaffe Memorial Scholarship for Academic Excellence \$1,000

Lorraine Stefan

# Ingenium Group Jack Lemay Memorial Award for Academic Excellence \$2,500

Lianjie Sun

# Walter Anderson Award in RF Communications for Academic Excellence \$1,000

Masud Yusouf

#### FOR ACHIEVEMENT IN FOURTH YEAR

#### **COMPUTER ENGINEERING**

#### IEEE Toronto Section Scholarship for Academic Excellence

\$1,500

Thavisha Assalaarachchi

# Ontario Professional Engineers Foundation for Education Gold Medal for Academic Achievement

Thavisha Assalaarachchi

# Ed Towgood Award for Excellence in Thesis Project Performance \$144

Elmer Atagu

# Jack Roy Longstaffe Memorial Scholarship for Academic Excellence \$1,000

Marc Lozier

#### **ELECTRICAL ENGINEERING**

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

\$404

Jovan Filipovic

# IEEE Toronto Section Wallas Khella Scholarship for Academic Excellence \$1,500

Guangyu Zhu

#### 2012 CAPSTONE DESIGN PROJECT AWARDS

#### **AMD GOLD AWARDS**

iPhone Driver Alertness Monitoring System

Elmer Atagu Igor Ivanecky

Supervisor: Dr. Androutsos

Wind Energy Generation for Smart Home

Syed Umer Asif Hassan Issa Amogelang Moemba

Supervisor: Dr. Wu

Thanks to the generous sponsorship from Advanced Micro Devices (AMD), each student has received an AMD-powered notebook computer.

#### **GOLD AWARDS**

Wireless Plug-in Electric Vehicle Manager

Shahram Aryanpour Jovan Filipovic Filip Topalovski

Supervisor: Dr. Fernando

**Design of Regenerative Servo for Prosthetic Applications** 

Jung Soo Kim Fakhreddine Taleb Nika Zolfaghari

Supervisor: Dr. Smith

Thanks to the generous sponsorship from the Centre for Urban Energy, each group has received \$1,500 from the Department of Electrical and Computer Engineering.

#### SILVER AWARDS

ARM Biofeedback System for Parkinson's Disease Patients

Rana Attalla Ahmad El-Falou Subaagari Seevaratnam

Supervisor: Dr. McConville

In-Home Haptic Feedback Training for Ankle Rehabilitation

Brian Battaglia Alexander Brukson Mustafa Nasserv

Supervisor: Dr. McConville

Each group has received \$1,000 from the Department of Electrical and Computer

Engineering.

#### **BRONZE AWARDS**

**Car Security System** 

Stephen Chui Ryan Meghdies Nasim Zoubeiri

Supervisor: Dr. Geurkov

**Multichannel Wireless ECG Monitoring System for Hockey Players** 

Kathryn Atwell Karl Magtibay Kayla Mujkanovic

Supervisor: Dr. Umpathay

Small Wind Energy Converter for Smart Home

Nabil Hasan Mohammed Nihar Ling Zhao

Each group has received \$500 from the Department of Electrical and Computer

Engineering.

#### DEAN'S LIST - BIOMEDICAL ENGINEERING

Androu Abd Al Malak Marcelle-Andree Longlade

Raghad Abdulmajeed Michelle Luk Shaima Abid Karl Magtibay

Nico Arezza Prasath Mahendrarajah Rana Attalla Fatma Mohamed Khedr

Kathryn Atwell Shima Mohammadali Pishnamaz Helia Azima Kayla Mujkanovic

Ashkan Bargriz Farshi Mustafa Nassery Alexander Brukson David Nguven Abed Chalich Karol Pawlina **Andrew Christie** Rajjeet Phull Lorenzo Dimagiba Naimeh Razfar Abdallah El-Falou Brahmdeep Saini Ahmad Fl-Falou Subaagari Seevaratnam Hagir Elhadari Abdullah Siddigui Yiyi Fang Marim Soliman Mashal Farid Omar Subedar Hamza Faroog Mehwish Sultan Romina Forouzanfar Salman Syed

Chewash Harpaul Thi Than
Angela Ip Brian Wijayanandan
Siavash Jafarpour Vepeson Wijeyakulasingam

Iman Kalaii Sara Yoseph

Kevin Khan Navid Zohouri Haghian

Shahin Khayyer Nika Zolfaghari

#### **DEAN'S LIST - COMPUTER ENGINEERING**

Ismail Abdul Rawoof Thavisha Assalaarachchi Eduard Astvatsatryan Himesh Bilimoria

Tinh Bui Jason Drossis Yiannis Karaziakos Sergey Leminov Genti Licenji Marc Lozier

Andy Lee Kam Ok

Rvan Meghdies-Vardeh

**Andre Mercier** 

Yudi Narine Ali Pesaransharif Ahmed Sada Omer Shukrullah

Yu Sui

Mohammed Taha Ahron Train Anderson Trinh Igor Vujaklija Adel Wafaei Nasim Zoubeiri

#### DEAN'S LIST - ELECTRICAL ENGINEERING

Abbas Abdul Hashim

Shirin Ahmad Ali Al-Darraji

Ismail Al-Janabi

Basmel Faisal Al-Saad

Muhammad Anwar Stanislav Arkadyev

Elmer Atagu Stanley Balshin Sushrut Bhalla

Saeid Biglary Makvand

Edwin Bishun Mohammad Butt Zhifang Cao Sami Dalati Deepkumar Dave Lemoel De La Cruz

Ostap Dzikh

Mohammad Farrokhi Aghdam

Jovan Filipovic Nima Ghaffari Baldev Grewal Husni Hajihassen Nabil Hasan Jun He

Robert Hnatejko Negar Honarmand

Jamie Huy Shalin Inamdar Hassan Issa Igor Ivanecky Ramzy Jaber

Durand Jarrett-Amor Nicholas Jowlabar George Karram

Kirby Lam
Calvin Lee
Jiongsen Li
Heqiang Lin
Khai Luu
Michael Mass
Daniel Marques
Mahamed Matadar
Ahalva Mathanrai

Taha Mehrabi Shahsavari

Prajesh Mehta Arash Moghimi Matthew Morelli Ali Motebaheri Neiad

Fatin Mufrad Michael Nagiub

Ali Naji

Jackie Nguyen
Edward Nidoy
Mohammed Nihar
Amanda O'Halloran
Sina Panahandeh
Zubin Panchal
Mitesh Patel
Sanketkumar Patel

Talha Pervez
Yiming Qian
Arsalan Rafiq
Manish Rathore
Amit Rov

Azadeh Sadjedi Daniel Salazar Hooman Samani Leonard San Juan Palak Sharma Rajat Sikder Ravneet Simak Ian Sing Oleg Sirghii

Mohammad Sotoudehfar

Yan Stefanovich John Steinmetz Lianjie Sun Negar Taherian Sina Tahsini Araghi

Randy Tan Nikola Tripic

Kevin Soo

Deliph Vijeyendrakumar Pasindu Waragoda Shane West Nazanin Yazdian Masud Yusouf Ling Zhao Guangyu Zhu Mingming Zhu

Aakar Zinzuwadia

Muchi Zhu

#### 2011 GRADUATE RESEARCH EXCELLENCE AWARDS

#### 2011 GREA WINNERS IN M.A.Sc.

Krishnanad Balasundaram Anita Tino

#### 2011 GREA WINNERS IN PhD CATEGORY

Khalid Abdel Hafeez Sivasothy Senthuran
Ehsan Al-Nabi Amir Sepasi Zahmati
Peter He Lakshmi Sugavaneswaran
Lamiaa Raafat Khalid Muhammad Talal Ibrahim
Xiongliang Lai Barry Vuong

Xiaoming Nan Jacheng Wang
Raymond Phan Venkata Yaramasu
Miteshkumar Popat Ning Zhang
Anirban Sengupta Ning Zhu

Department of Electrical and Computer Engineering

#### www.ee.ryerson.ca

Published November 2012. Ryerson University, 350 Victoria Street, Toronto, Ontario, Canada M5B 2K3. 78442