2nd Annual

Celebrating Engineering Success Reception

2007–2009 Awards & Honours

UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING
Awards and Honours: September 2007 to April 2009

International

Campus Representative Award: American Society for Engineering Education
Susan McCahan, MIE

Canada Medal: Society of Chemical Industry
Brian Wastle, 6T7

Computer Award: Institute of Electrical and Electronics Engineers, Inc.
K.C. Smith, ECE

Excellence in Clinical Engineering Leadership Award:
American College of Clinical Engineering (ACCE)
Tony Easty, IBBME

Fellow: American Association for the Advancement of Science
Jean Zu, MIE
Peter Zandstra, IBBME

Fellow: American Institute for Medical and Biological Engineering
Paul Santerre, IBBME
Peter Zandstra, IBBME

Fellow: American Institute of Aeronautics and Astronautics
Peter Hughes, UTIAS

Fellow: American Society for the Advancement of Science
Grant Allen, ChemE
Brendan Frey, ECE
M.J. Phillips, ChemE
Chris Yip, IBBME

Fellow: American Society of Mechanical Engineers
C. Ross Ethier, MIE
Masahiro Kawaji, ChemE
Shaker Meguid, MIE
Jean Zu, MIE
Fellow: Association for Computing Machinery
Jonathan Rose, ECE

Fellow: Institute of Electrical and Electronics Engineers
Francis Dawson, ECE
Brendan Frey, ECE
Jorg Liebeherr, ECE
Jonathan Rose, ECE

Fellow: International Union of Societies for Biomaterials
Molly Shoichet, ChemE

Fellow: University of Tokyo School of Engineering
Javad Mostaghimi, MIE

Foreign Member: Royal Academy of Spain
Cristina Amon, MIE

Founders Award: Society for Biomaterials
Michael Sefton, ChemE

Gold Hermes Creative Award: Association of Marketing and Communications Professionals
Liam Mitchell, ChemE

IBM Faculty Award: IBM
Andreas Moshovos, ECE

International Award: Society of Chemical Industry
Larry Seeley, 7T2

Kalev Pugi Award: Society of Chemical Industry
Stephen Dunn, ChemE 7T1

KAUST Global Research Partnership Award:
King Abdullah University of Science and Technology (KAUST)
Ted Sargent, ECE

Kio Tomiyasu Award: Institute of Electrical and Electronics Engineers, Inc.
George Eleftheriades, ECE
LaSueur Memorial Medal: Society of Chemical Industry
David Boocock, ChemE

Senior Prize: International Photoacoustic and Photothermal Association
Andreas Mandelis, MIE

Sloan Research Fellowship: Alfred P. Sloan Foundation
Aaron Wheeler, IBBME

TR Top 35 Innovators Under 35: MIT Technology Review
Milica Radisic, ChemE

Yeram S. Touloukian Award: American Society of Mechanical Engineers
Andreas Mandelis, MIE

Young Investigator Award: NARSAD
Julie Audet, IBBME

**National**

Award for Innovation: Canadian Manufacturers and Exporters 2007
James Smith, ChemE

Canada’s Top 40 Under 40: Caldwell Partners
Paul Salvini, CivE
Peter Zandstra, IBBME

Canadian Materials Physics Gold Medal Award:
Canadian Institute of Mining, Metallurgy and Petroleum
Doug Perovic, MSE

Canadian Metal Chemistry: Canadian Institute of Mining, Metallurgy and Petroleum
Stavros Argyopoulos, MIE

E.W.R. Steacie Fellowship: NSERC
Brendan Frey, ECE

Excellence in Innovation in Civil Engineering Award: Canadian Society for Civil Engineering
Jeffrey Packer, CivE
Constantin Christopoulos, CivE
Carlos de Oliveira, CivE
Fellow: Canadian Academy of Engineering
Levente Diosady, ChemE
Alex McLean, MSE
Doug Perovic, MSE

Fellow: Canadian Society for Mechanical Engineering
Cristina Amon, MIE
Javad Mostaghimi, MIE
Hani Naguib, MIE
Yu Sun, MIE

Fellow: Chemical Institute of Canada
Grant Allen, ChemE
Graeme Norval, ChemE

Fellow: Engineering Institute of Canada
Barry Adams, CivE
Cristina Amon, MIE
Michael Charles, ChemE
Michael Collins, CivE
Mark Fox, MIE
Alberto Leon-Garcia, ECE
Jim Wallace, MIE

Fellow: Royal Society of Canada
Molly Shoichet, ChemE
Paul Young, CivE

Fred Beamish Award: Canadian Society for Chemistry
Aaron Wheeler, ChemE

Jules Stachiewicz Medal: Canadian Society for Mechanical Engineering
Charles Ward, MIE

Medal for Outstanding Achievement in Industrial and Applied Physics:
Canadian Association of Physicists
Andreas Mandelis, MIE

Robert W. Angus Medal: Canadian Society for Mechanical Engineering
Chul Park, MIE
John S. Bates Memorial Gold Medal: Canadian Pulp and Paper Association
Donald B. Mutton, ChemE 4T9, PhD 5T3

John H. Chapman Award of Excellence: Canadian Space Agency
Peter Hughes, UTIAS

Killam Prize: Canada Council for the Arts
Michael Sefton, ChemE

Killam Research Fellowship: Canada Council for the Arts
Elizabeth Edwards, ChemE
Molly Shoichet, ChemE

Wighton Fellowship: Sandford Fleming Foundation
Paul Jowlabar, ChemE

**Provincial**

Engineering Medal for Entrepreneurship: Professional Engineers Ontario
Howard Goodfellow, ChemE 6T4

Engineering Medal for Management: Professional Engineers Ontario
Jan Carr, ECE 6T8

Engineering Medal for Research and Development: Professional Engineers Ontario
Milos Popovic, IBBME

Gold Medal: Professional Engineers Ontario
Walter Curlook, MMS 5T0, MAEng 5T1, PhD 5T3, Hon. Doc. 0T2
Anne Sado, MIE 7T7

Leadership in Faculty Teaching Award: Province of Ontario
Yu-Ling Cheng, ChemE

Young Engineer Medal: Professional Engineers Ontario
Constantin Christopoulos, CivE

**University of Toronto**

Agnes Kaneko Award: Faculty of Applied Science and Engineering
Brenda Fung, MIE
Linda Espuet, ECE
Arbor Award: U of T
Caprice Boisvert, MIE 9T3
Roland Bergman, MSE 5T5
Sydney C. Cooper, CivE 4T5
Dave Fenwick, EngBus 5T3
Joseph Paul Grieco, CivE 7T0
Claire Kennedy, ChemE 8T9
Murray Metcalfe, IndE 7T7
Larry Seeley, ChemE 6T6, MASc 6T8, PhD 7T2
Som Seif, IndE 9T9
Arshia Tabrizi, ECE 9T5
Bill Troost, ChemE 6T7
Paul Walters, MinE 5T6
Bert Wasmund, PhD 6T6
William C. Winegard, MSE 4T9, MASc 5T0, PhD 5T2, Hon. Doc. Law 7T3

Breaking the Glass Ceiling Award: U of T Women in Science and Engineering
Milica Radisic, ChemE

Carolyn Tuohy Impact on Public Policy Award: U of T
Doug Reeve, ChemE

Chancellor's Award: U of T
Barbara McCann, Faculty Registrar

Early Career Teaching Award: Faculty of Applied Science and Engineering
Hani Naguib, MIE

ECE Teaching Award: ECE
Tarek Abdelrahman, ECE
Raviraj Adve, ECE
Stephen Brown, ECE
Shai Cohen, ECE
Sean Hum, ECE
Frank Kschischang, ECE
Aleksandar Prodic, ECE
Ali Sheikholeslami, ECE
Sorin Voinigescu, ECE

Faculty Award: U of T
David Zingg, UTIAS
Faculty Teaching Award: Faculty of Applied Science and Engineering
Tarek Abdelrahman, ECE

Gordon R. Slemmon Award: ECE
Aleksandar Prodic, ECE

Graduate Teaching Award: Faculty of Medicine
Christopher Yip, IBBME

Joan E. Foley Award for Quality of Student Experience: U of T Alumni Association
Greg Evans, ChemE

Leaders of Tomorrow Alumni Appreciation Award: ChemE
David Colcleugh, ChemE 5T9

McCharles Prize: Faculty of Applied Science and Engineering
Wei Yu, ECE

McLean Award: U of T
Peter Zandstra, IBBME

MIE Award for Administrative and Technical Staff: MIE
Joe Baptista, MIE
Jeff Sansome, MIE

MIE Early Career Teaching Award: MIE
Hani Naguib, MIE
Craig Simmons, MIE

MIE Faculty Teaching Award: MIE
Markus Bussmann, MIE
Greg Jamieson, MIE

Northrop Frye Award in the Faculty Category: U of T
Bryan Karney, CivE

President’s Teaching Award: U of T
Yu-Ling Cheng, ChemE

Professor Bill Burgess Teacher of the Year Award: ChemE
Greg Evans, ChemE
Graeme Norval, ChemE
Professor Diran Basmadjian Teacher of the Year Award: ChemE
Tim Bender, ChemE
Grant Allen, ChemE

Vivek Goel Faculty Citizenship Award: U of T
Ron Venter, MIE

Engineering Alumni Association (EAA) Awards

2T5 Mid-career award
Kathy Milsom, CivE 8T3
Gino Palumbo, MSE 8T3
John Voss, ChemE 8T2

7T6 Early Career Award
Anthony Lacavera, ECE 9T7
David Sinton, MIE 9T8, PhD 0T3
John Tze-Wei Yeow, ECE 9T7, MASc 0T0, PhD 0T3

Engineering Alumni Medal
Pierre Rivard, MIE 9T4
Philip Liat Kok Yeo, IndE 7T0

Hall of Distinction
Paul Cadario, CivE 7T3
Thomas Closson, MIE 7T1
Byron “Ike” Goodfellow, ECE 5T3
Bryan Levitt, CivE 6T9
Lorne Mitchell, EngPhys 5T3
Michael Sefton, ChemE 7T1
Phillip “Rocky” Simmons, ChemE 6T4, MASc 6T5, PhD 6T8
Joey Tanenbaum, CivE 5T5, Hon. Doc. 9T8
Glynn Williams, EngSci 7T8, MASc 8T0

L.E. (Ted) Jones Award
Rachel Castelino, ChemE 0T8
David Lee, EngSci 0T7
Christopher Roscoe, EngSci 0T7
David Rutt, MIE 0T8

Malcolm McGrath Award
Marta Escedi, CivE 7T6
Barry Levine, MIE 8T4
In recognition of an outstanding year, the Faculty of Applied Science and Engineering expresses sincere gratitude to members of our awards committees:

**Faculty Committee on Nominations for Honours and Awards**
Chair: Michael Charles, Professor Emeritus, ChemE; Dean Emeritus
Secretary: Carolyn Farrell, Director, Awards and Honours
Members: Sonia De Buglio, Associate Director, Alumni Relations; Liam Mitchell, Manager, External Relations, ChemE; Jeff Packer, Professor, CivE; Bruce Francis, Professor, ECE; Michael Sefton, University Professor, IBBME; Javad Mostaghimi, Distinguished Professor, MIE; Alex McLean, Professor, MSE; Chris Damaren, Vice-Dean Graduate Studies, UTIAS

**Divisional Awards Committees**

**ChemE**
Chair: Joe Paradi
Secretary: Deborah Peart
Members: Greg Evans, Liam Mitchell, Roger Newman, Milica Radisic, Jim Smith, Joe Paradi, Michael Charles (Ex-Officio)

**CivE**
Chair: Brenda McCabe
Members: Will Bawden, Murray Grabinsky, Jeff Packer, Matt Roorda, Brent Sleep, Frank Vecchio

**ECE**
Chair: Bruce Francis
Members: Hans-Arno Jacobsen, Mike Joy, Doug Lavers, TJ Lim, Aleks Prodic, Li Qian

**MSE**
Members: Uwe Erb, Alex McLean, Jun Nogumi

**MIE**
Chair: David James
Members: Chris Beck, Andrew Jardine, Shannon Osborne, Jan Spelt

**UTIAS**
Chair: David Zingg
Members: Chris Damaren, Peter Strangeby, Omer Gulder

**IBBME**
Members: Paul Santerre, Michael Sefton

**Engineering Alumni Honours and Awards Committee**
Chair: Ron Venter
Members: John Adam (ChemE 6T6), Mary Butera, Ted Gerson (MSE 4T5), Betty Hill (ChemE 4T8), Nancy Hill (CivE 8T1), Margaret Kende (CivE 6T0), Bill Kirkpatrick (EngBus 5T3), Barry Levine (MIE 8T4), Bob MacCallum (ECE 6T9), Jim Wilcox (MIE 5T9)
Ex-officio Members: Sonia De Buglio (ChemE 9T4), Eric Matusiak (MIE 9T1), Malcolm McGrath (CivE 5T4)