

AWARDS & HONOURS October - December 2012

Faculty of Applied Science & Engineering

Professor **Edgar Acosta** was awarded the Syncrude Canada Innovation Award by the Canadian Society for Chemical Engineering in June. A professor in the Department of Chemical Engineering & Applied Chemistry, Professor Acosta was recognized for his contributions to the chemical engineering field.

Professor Emeritus **Levente Diosady** (Chemical Engineering) has been named as one of 23 new Fellows of the International Academy of Food Science and Technology. Professor Diosady is the first chemical engineer to be inducted and one of only four Fellows from Canada. The award was announced September 14, 2012.

Professor Emerita **Ursula Franklin** (Materials Science and Engineering) was elected to the Canadian Science and Engineering Hall of Fame in Ottawa on November 21, 2012. The Canadian Science and Engineering Hall of Fame is noted for the high calibre of its inductees, and serves as an inspiration to all Canadians of the great potential for scientific and technical achievement in this country.

Professor **Doug Hooton** (Civil Engineering) was awarded the Engineering Medal-Research & Development by Professional Engineers Ontario. Hooton is an expert on both cementitious materials and concrete durability and has established himself as the authority on various aspects of cement and concrete based materials.

Professor R. **Doug Hooton** (Civil Engineering) was presented with the V.M. Malhotra Award in June 2012 at the first International Congress on Durability of Concrete in Trondheim, Norway. Professor Hooton was recognized for his outstanding and sustained contributions in the broad area of durability of concrete. It is a research area that affects one of the foundations of Canadian society – physical infrastructure.

Professors **Doug Hooton** (Civil Engineering) and **Shaker Meguid** (Mechanical and Industrial Engineering) received Research and Development Medals and Professor **Goldie Nejat** (Mechanical and Industrial Engineering) has been awarded the Young Engineer Medal from the Ontario Society of Professional Engineers. The recipients were honoured at a gala at the Toronto Congress Centre on November 17, 2012.

Professors **Alberto Leon-Garcia** (Electrical and Computer Engineering), **Andreas Mandelis** (Mechanical and Industrial Engineering) and **Doug Perovic** (Materials Science and Engineering) have been elected Fellows of the American Association for the Advancement of *Science*. The new Fellows were announced in the November 30 issue of *Science* and will be honoured at the AAAS Fellows Forum on February 16, 2013 in Boston.

Professor **Andreas Mandelis** (Mechanical and Industrial Engineering) received the 2012 American Physical Society's Joseph F. Keithley Award for Advances in Measurement Science in January 2012 for his seminal contributions to photothermal science and the application of innovative techniques to a variety of real-world problems.

Registrar **Barbara McCann** received the Association of Registrars of the Universities and Colleges of Canada Outstanding Achievement Award in June. The award recognizes members who are making significant contributions to the registrarial profession, to their own institution, and/or to the improvement of service to students.

Professor **Javad Mostaghimi** (Mechanical and Industrial Engineering) was named the 2012 recipient of the American Society of Mechanical Engineers Heat Transfer Memorial Award in May 2012, in the category of Science. The Heat Transfer Memorial Award recognizes outstanding contributions to the field of heat transfer. Professor Mostaghimi is being honoured for his contributions to thermal plasma processing, particularly the development of mathematical models of plasma sources and thermal spray coating formation.

Professor **Chul B. Park** (Mechanical and Industrial Engineering) has been recognized by the American Society of Mechanical Engineers and Society of Manufacturing Engineers with the M. Eugene Merchant Manufacturing Medal. The award is given to an individual who has had significant influence and responsibility for improving the productivity and efficiency, either by research or by implementation of research, of manufacturing operations.

Professor **Chul B. Park** received the Canadian Society for Mechanical Engineering C.N. Downing Award for distinguished service at the Society's annual general meeting in June 2012. Park was also named a Fellow of the Society. **Professors David Sinton, Pierre E. Sullivan** and **Murray J. Thomson** were also named Fellows of the Society. This recognition is awarded to those who have attained excellence in mechanical engineering and contributed actively to the progress of their profession and society. Professor **Jean Zu**, who is already a Fellow of the Society, received the 2012 Robert W. Angus Medal for outstanding contributions to the management and practice of mechanical engineering.

Adjunct Professor **Scott D. Ramsay** of the Department of Materials Science & Engineering is the 2012 recipient of the Wighton Fellowship from the Sandford Fleming Foundation at the University of Waterloo. The Fellowship is a national award that recognizes excellence in the development and teaching of laboratory-based courses in Canadian undergraduate engineering programs.

Professor **Harry E. Ruda** of the Department of Materials Science & Engineering was elected Fellow of the Institute of Physics in August 2012, recognizing his “original and seminal contributions to studies of the electronic phenomena in semiconductor based nano structures.” The Institute of Physics, established in 1874, is a professional society based in the United Kingdom. Its worldwide membership consists of approximately 40,000 physicists from all sectors and works to advance physics research, application and education.

Professor **David A. Steinman** (Mechanical and Industrial Engineering/Institute of Biomaterials and Biomedical Engineering) has been elected Fellow of the American Society of Mechanical Engineers (ASME). Fellowship is the highest elected grade of membership within ASME, the attainment of which recognizes exceptional engineering achievements and contributions to the engineering profession. He was presented with the award on June 20, 2012.

Faculty of Arts & Science

Royal Society of Canada New Fellows

Classics – **Alison Keith**

Linguistics – **Keren Rice**

Department of Earth Sciences - **Grant Ferris**

Slavic Languages and Literatures - **Donna Orwin**

English – **Paul Stevens and Andy Orchard**

Statistics – **Jeffrey Rosenthal**

Philosophy – **Mohan Matthen**

Konrad Eisenbichler has received an "Honourable Mention" in the "Aldo and Jeanne Scaglione Award for a Manuscript in Italian Studies" for his forthcoming book "The Sword and the Pen". The award, established by the Aldo and Jeanne Scaglione Endowment Fund and administered by the Modern Languages Association of America, is awarded for an outstanding translation into English of a book-length literary work.

Pascal Riendeau has been shortlisted for the Governor General's Literary Awards 2012 in the French essay category for his book, *Méditation et vision de l'essai : Roland Barthes, Milan Kundera et Jacques Brault*. The final announcement for the winners is in early November 2012.

Fellow of the American Physical Society

Election to Fellowship in the APS is limited to no more than one half of one percent of the membership, and is a significant recognition of outstanding contributions to Physics.

Stephen Julian, *“For research on unconventional metallic and superconducting states of heavy fermion metals and strongly correlated oxides”*

Yong Baek Kim, *“For contributions to the theory of quantum spin liquids in frustrated magnets and correlated electron materials”*

Stephen Morris, *“For innovative experimental work in nonlinear dynamics, pattern formation, and geophysical patterns, and significant public outreach.”*

Alex Hayat has won the 2012 Polanyi Prize in Physics for research that provides new insights on the fundamental physics of light-matter interaction and quantum optics.

John Zilcosky has won a 12-month National Endowment for the Humanities (NEH) fellowship for his project, “The Concept of the 'Uncanny' in 20th-Century Austro-German Thought.” The grant is awarded to only 6% of applicants. Only 4 other Canadian researchers have won this award over the past eight years.

John English has won the The Pierre Berton Award – the Governor General’s History Award for Popular Media from the Canada’s History Society. He shares the award with Réal Bélanger from Québec City for their work on the *Dictionary of Canadian Biography*. The Dictionary is the most definitive reference in Canadian biographies, spans 15 volumes, and covers Canadians who died prior to 1931. The 16th volume will showcase significant Canadians from 1931 to 1940. Each volume covers ten years and takes almost seven years to produce.

George Elliott Clarke, the E.J. Pratt Professor of Canadian literature, has been appointed as Toronto poet laureate by the Toronto city council. Clarke takes over the position from Governor General’s Literary Award-winning poet Dionne Brand. He is the fourth poet laureate of Toronto, following in the footsteps of Dionne Brand, Pier Giorgio di Cicco and Dennis Lee. The position was created in 2001.

Locke Rowe has been elected as a Fellow of the American Association for the Advancement of Science (AAAS) for distinguished contributions to evolutionary biology, particularly for those in life history theory and for the development of the field of sexual conflict and selection. AAAS began electing fellows in 1874. Founded in 1848, it is the world's largest scientific society and publisher of the prestigious journal Science.

Spyros Alexakis has won the 2013 Andre-Aisenstadt prize. The prize recognizes outstanding research achievement by a young Canadian mathematician.

Faculty of Medicine

Dr. **Bette Stephenson** and Professor **David MacLennan** (Banting & Best Department of Medical Research and Department of Biochemistry) will be inducted into the Canadian Medical Hall of Fame in 2013, along with four others whose work has improved health in Canada and globally.

Professor **Irfan Dhalla** (Department of Medicine and the Institute of Health Policy, Management & Evaluation) was awarded the 2012 Labelle Lecturer and 2012 CSIM New Investigator Award. The Labelle lectureship is awarded annually to a young investigator from any country who conducts multidisciplinary health services research, is challenging existing methods or accepted ideas in health services and who will deliver a high-quality lecture that will appeal to an audience of broad interests.

Professor **Allan Peterkin** (Department of Psychiatry & Department of Family and Community Medicine) has received the 2012 Royal College of Physicians and Surgeons/Associated Medical Services Donald R. Wilson Award. This annual award honours a medical educator or leader who has demonstrated excellence in integrating CanMEDS roles into a Royal College or other health-related training program. Dr. Peterkin was also named a Distinguished Fellow of the Canadian Psychiatric Association at its annual meeting in September 2012.

The Association of American Medical Colleges has presented Professor **Brian Hodges** with the 2012 Omega Alpha Robert J. Glaser Distinguished Teacher Award. Advancing

the science of medical education is one of Hodges' passions. He has advocated for seminal change in medical education, including a balance between the traditional, four-year model and an outcomes-based approach focused on demonstrable clinical skills and learning objectives, making him a leader both at home and abroad.

The United Auto Workers has awarded the Walter Reuther Social Justice Award, one of the organization's highest honours, to Professor **Izzeldin Abuelaish** for his commitment to social justice, human rights, and peace. In addition to this award, the UAW Keeping the Dream Alive Foundation will donate to Abuelaish's Daughters for Life Foundation, which expands opportunities for girls in the Middle East through access to higher education and by building their leadership potential.

Professor **Angela Cheung** (Department of Medicine) is the recipient of the 2012 Dr. David Sackett Senior Investigator Award from the Canadian Society of Internal Medicine (CSIM). The award recognizes excellence in research by a senior Canadian general internist. Dr. Cheung gave her keynote address, The Art and Science of Clinical Research, at the recent CSIM annual meeting Oct. 19, in Quebec City.

Dr. **Charles Kassardjian** (Department of Medicine) has been presented with The Canadian Association of Internes and Residents, 2012 Joseph Mikhael CAIR Award for Medical Education. Kassardjian established a session between the outgoing senior and incoming junior neurology residents, which has been highly rated by residents. Kassardjian is a PGY4 neurology resident at U of T.

The Faculty of Medicine has announced its 2011-12 Awards of Excellence in Teaching and Research. The following are recipients of the Department of Obstetrics & Gynaecology.

The Chair's Awards include:

Excellence in Undergraduate Teaching: **Mark Yudin**;

Excellence in Postgraduate Teaching: **Sari Kives**;

Postgraduate Program Development/Innovation: **Donna Steele, Janet Bodley,** and **Michèle Farrugia** (Wellness Team);

Outstanding Research Potential: **Sarah Ferguson**;

Outstanding Research Facilitation: **Art Zaltz**;

Sustained Excellence in Research: **Jon Barrett**;

Continuing Medical Education Teaching Excellence, **Jason Dodg**;

The awards for Excellence in Continuing Medical Education include:

Course Coordination: **Deborah Robertson** (Women's Health Symposium)

(New) Excellence in Integrated Undergraduate Medical Education: **Dalip Bhangu**;

(New) Excellence in Integrated Postgraduate Medical Education: **Melanie Ornstein**.

Excellence in Undergraduate Teaching - Undergraduate Teaching Award Recipients:

Fred Engle; Johannes (Han) Keunen; Grace Liu; Filomena Meffe; Melanie Ornstein; Jeremy Wong; Suzanne Wong.

Master Teacher Award Recipients: **Grace Liu; Filomena Meffe; Suzanne Wong**

The Government of the State of Karnataka in India has presented Dr. **Sagar Dugani** (MD/PhD Program) with the Rajyotsava Award in the category of science and technology, recognizing work Dugani has done in Canada and the honour it has brought to the people of Karnataka. Among other achievements, Dugani is the founder of IMAGINE, an interprofessional drop-in clinic run by University of Toronto students that offers holistic care to underserved populations in downtown Toronto.

Professor **Andres Lozano** is the recipient of the 2012 Olivecrona Medal from the Karolinska Institutet. The institute honors an international neurosurgeon annually for his or her contribution to brain and spinal cord surgery or research. Lozano, who holds the Dan Family Chair in Neurosurgery at U of T, is recognized internationally for his work on Deep Brain Stimulation, with which his group has pioneered treatment for several disorders including depression, Huntington's disease and Alzheimer's disease.

Professor **Rosemary Martino** was elected a Fellow of the American Speech-Language-Hearing Association (ASHA) in November 2012. An Associate Professor and Associate Chair in Speech-Language Pathology, Martino was recognized for her outstanding professional achievements in the field of speech-language pathology and dysphagia research.

Professor **Michelle Greiver** (Department of Family and Community Medicine) was honoured with the *Canadian Family Physician's* Best Research Paper of the Year award this month. The paper is based on her M.Sc. thesis in Institute for Health Policy, Management and Evaluation. Greiver is Director of the Canadian Primary Care Sentinel Surveillance Network, and a member of the North York Family Health Team.

Prof. **Vladimir Vuksan** is the recipient of the inaugural World Ginseng Science Award, given by the South Korean government. Vuksan's research focuses on the development of novel nutritional therapies in the prevention and treatment of diabetes and cardiovascular disease. His group has spent the last 15 years working to establish the long-term benefits of American and Korean ginseng and was the first to show the effect of ginseng on regulation of blood glucose. Vuksan is a faculty member in the departments of medicine and nutritional sciences, and a scientist at the Li Ka Shing Knowledge Institute of St. Michael's Hospital.

Professor **Barry Goldlist** of the Department of Medicine received the University of Toronto Teacher of the Year Award in Geriatric Medicine 2011–2012. Under Dr. Goldlist's leadership, training programs in geriatric medicine continue to attract increasing numbers of trainees, and fellows have had more opportunities for learning.

Professor **Irfan Dhalla** (Department of Medicine and the Institute of Health Policy, Management and Evaluation) is the recipient of the 2012 Canadian Society of Internal Medicine New Investigator Award, given to one internal medicine research in Canada each year.

The Canadian Academy of Health Sciences inducted 16 University of Toronto, Faculty of Medicine faculty in 2012. They are:

Benjamin Alman, Department of Surgery; **Ross Baker**, Institute of Health Policy, Management and Evaluation; **Denis Daneman**, Chair, Department of Paediatrics; **Raisa Deber**, Institute of Health Policy, Management and Evaluation; **Eleftherios P. Diamandis**, Department of Laboratory Medicine and Pathobiology; **Ivan George Fantus**, Associate Dean, Research; **Brian Patrick Kavanagh**, Chair, Department of Anesthesia; **Gary Lewis**, Director, Banting and Best Diabetes Centre; **Andres M. Lozano**, Department of Surgery; **Robin S. McLeod**, Department of Surgery; **Steven A. Narod**, Department of Medicine; **Beverley Anne Orser**, Department of Anesthesia; **Linda Rabeneck**, Department of Medicine, VP, Prevention and Cancer Control Care Ontario; **Reinhart Reithmeier**, Chair, Department of Biochemistry; **Molly S. Shoichet**, Institute of Biomaterials and Biomedical Engineering; **Bernard Zinman**, Department of Medicine.

Dr. **Joanne Bargman** (Department of Medicine) is the recipient of the National Kidney Foundation (USA) 2013 Donald W. Seldin Award. This award was established in honour of Dr. Donald W. Seldin, one of the leading teachers and researchers in nephrology. It is given in recognition of excellence in clinical nephrology and specifically to Dr. Bargman for her work on national and international levels in advancing knowledge in nephrology

Rotman School of Management

Beatrix Dart, associate dean, Executive Degree Programs, and academic director for the One-Year MBA for Executives and the Omnium Global Executive MBA programs at the University of Toronto's Rotman School of Management in Toronto has received the 2012 Bud Fackler Service Award from the Executive MBA (EMBA) Council. The Bud Fackler Service Award recognizes contributions to the Executive MBA Council and to Executive MBA programs worldwide, including efforts to help other programs, to share best practices, and to raise the quality of Executive MBA Programs.

Research at the University of Toronto got a big boost Oct. 12 with the announcement of eight new Canada Research Chairs. The new **Canada Research Chairs (CRC)** are:

- **Michael Baker**, Economics, CRC in Economics, Child Development and Public Policy
- **Julie Claycomb**, Molecular Genetics, CRC in Small RNA Biology
- **Jason Moffat**, Molecular Genetics, CRC in Functional Genetics of Cancer
- **Trevor F. Moraes**, Biochemistry, CRC in Structural Biology of Membrane Proteins
- **Scott Schieman**, Sociology, CRC in the Social Contexts of Health
- **Dwight S. Seferos**, Chemistry, CRC in Polymer Nanotechnology
- **Sabine Stanley**, Physics, CRC in Planetary Physics
- **Mark S. Taylor**, Chemistry, CRC in Molecular Recognition and Catalysis