

**Faculty, Staff & Student Awards & Honours
Governing Council Meeting June 24, 2010**

Faculty & Staff Awards

Professor Edgar Acosta of chemical engineering and applied chemistry is the winner of the American Oil Chemists Society's Young Scientist Research Award, recognizing a young scientist who has made a significant and substantial contribution in one of the areas represented by AOCS. Acosta received the award during the society's annual meeting May 16 to 19 in Phoenix, Ariz. Founded 1909, AOCS is a global scientific society with 4,500 members, open to all individuals and corporations who are interested in fats, oils, surfactants, detergents and related materials.

Professor Cristina Amon, dean of the faculty of applied science and engineering, is this year's recipient of Engineers Canada's Award for the Support of Women in the Engineering Profession, given in recognition of her dedicated and innovative efforts to attract more women to the profession and to U of T's faculty. **Professor Constantin Christopoulos** of civil engineering garnered the Young Engineer Achievement Award, given for outstanding contribution in a field of engineering by an engineer 38 years of age or younger, while **Professor Greg Evans** of chemical engineering is the winner of the Medal for Distinction in Engineering Education, awarded for exemplary contribution to engineering teaching at a Canadian university. The award recipients were honoured at the Engineers Canada award gala May 29 in Vancouver.

Professor Christy Anderson of art is one of the 180 scholars out of a pool of 3,000 to win a prestigious 2010 Guggenheim Fellowship in the 86th annual competition for the United States and Canada. Chosen on the basis of achievement in the past and exceptional promise for future accomplishment, Guggenheim Fellows receive grants for a minimum of six months and a maximum of 12 to provide blocks of time in which they can work with as much creative freedom as possible. Anderson focuses her research on the architecture of the Renaissance.

Sheila Brown, chief financial officer and **Mark Britt**, director, internal audit, received Outstanding Contribution Awards from the Canadian Association of University Business Officers (CAUBO).

Professor Ragnar-Olaf Buchweitz, a mathematician and former vice-principal (academic) and dean at U of T Scarborough, is the recipient of a Humboldt Research Award, given by the Alexander von Humboldt Foundation to recognize a lifetime of achievement in research. The German-based foundation promotes academic co-operation between excellent scientists and scholars from abroad and from Germany. Awardees must be nominated by a German academic and receive funds totalling 60,000 euros (roughly \$77,000 Cdn) as well as getting the opportunity to spend up to a year co-operating on long-term research projects with colleagues at German institutes.

Professor Terry Clarke of the Faculty of Music is the winner of the Juno Award for Traditional Jazz Album of the Year for *It's About Time*, his first Juno as a bandleader; he previously won three Juno Awards as a sideman. Clarke, a well-known drummer and founding member of the acclaimed big band, Rob McConnell's Boss Brass, has recorded more than 300 albums with various jazz artists and is a familiar face at jazz festivals, concert halls and other venues throughout the world.

Natalie Zemon Davis, an adjunct professor of history and professor of medieval studies, is the winner of one of the world's top academic prizes, the Holberg International Memorial Prize – established by the Norwegian parliament in 2003 and worth \$700,000 U.S. – awarded for outstanding scholarly work in the arts and humanities, social sciences, law or theology. The author of a number of books, most recently *A Passion for History*, a book of conversations about her life as a historian, Davis is also a popular essay writer with more than 70 articles to her credit..

Professor Levente Diosady of chemical engineering and applied chemistry has been selected to receive the Institute of Food Technologists' Babcock-Hart Award, given to a member of the institute whose contributions to food technology have resulted in improved public health through nutrition or more nutritious food. Diosady has developed techniques for fortifying staples such as salt, sugar and rice with micronutrients to combat vitamin deficiencies, which adversely affect some two billion people worldwide. He will be recognized at the annual meeting and food expo July 17 in Chicago. Diosady was also elected a fellow American Oil Chemists Society, an honour reserved for AOCS members whose achievement in science entitle them to exceptionally important recognition.

Gail Donner, former dean and professor of the Bloomberg Faculty of Nursing, is the recipient of the Jeanne Mance Award, the highest recognition of nursing achievement that the Canadian Nurses Association offers. It has been awarded at the CNA biennial convention since 1971. Nurses nominated for this prestigious award are individuals who have made significant and innovative contributions to the health of Canadians and have worked to increase public recognition and awareness of the nursing profession. Donner received the award June 8 during the 2010 convention in Halifax.

Professor Nigel Edwards of physics is the 2010 winner of the J. Tuzo Wilson Medal, the highest award the Canadian Geophysical Union (CGU), given annually to recognize scientists who make outstanding contributions to Canadian geophysics. Edwards received the award June 3 during the joint Canadian Meteorological and Oceanography Society-CGU scientific meeting May 31 to June 4 in Ottawa.

Rivi Frankle, chief operations officer and assistant vice-president (alumni relations), is the winner of the Canadian Council for the Advancement of Education's Manulife Financial Outstanding Achievement Award, recognizing a current or recent member who has made extraordinary contributions to the field of educational advancement over a number of years. The recipient is recognized both for exemplifying the highest ideals of the advancement profession and for dedicated mentoring of others in the field. Frankle received the award June 7 during the council's national conference June 5 to 8 in Victoria.

Connie Guberman, status of women officer and special adviser on equity issues, has been selected to receive the 2010 Urban Leadership Award in the Safety and Resilience category by the Canadian Urban Institute. The award salutes policies, actions or initiatives in a variety of fields that effectively manage risks to public safety, contribute to personal security and a city's resilience and well-being. Guberman was selected for her leadership and body of contributions towards ending violence against women and making communities safer. The Urban Leadership Awards .was held June 3 in Toronto to celebrate the achievements of all of the recipients.\

Professor Clare Hasenkampf of U of T Scarborough is the winner of a 2010 3M National Teaching Fellowship, celebrating exceptional achievements and contributions by teacher-scholars and is considered one of the most prestigious teaching and leadership awards in Canada. The fellowship was established in 1986 through the generosity of 3M Canada and the Society for Teaching and Learning in Higher Education, a national association of academics interested in the improvement of teaching and learning at post-secondary institutions.

Patricia Hanson of gh3 and a sessional lecturer in the John H. Daniels Faculty of Architecture, Landscape & Design is the winner of a 2010 Governor General's Medal in Architecture, recognizing outstanding achievement in recently built projects by Canadian architects. The firm's winning project was Photographer's Studio Over a Boat House. **Professor Barry Sampson's** firm, Sampson Neuert Architects, won for French River Visitor Centre while **Professor John Shnier's** firm, Kohn Shnier Architects, received the medal for Prefab Cottage for Two Families. **Professor Brigitte Shim's** firm of Shim-Sutcliffe Architects Inc. won three medals -- for Corkin Gallery, Craven Road Studio and Ravine Guest House. The Governor General's Medals in Architecture, created by the Royal Architectural Institute of Canada, contribute to the development of the discipline and practice of architecture and increase public awareness of architecture as a vital cultural force in Canadian society.

Professor Mark Henkelman of medicine is the winner of one of five prestigious Killam Prizes, presented to distinguished Canadian scholars who have conducted exceptional research in five areas: engineering, health sciences, natural sciences, social sciences and the humanities. Henkelman has been recognized for his outstanding work in the field of magnetic resonance imaging. His recent research explores how modern imaging technology can be used in the diagnosis of cancer and other diseases. The Killam Prizes were inaugurated in 1981 to honour eminent Canadian scholars and scientists actively engaged in research.

Professor Roger Newman of chemical engineering and applied chemistry has been named a fellow of the Electrochemical Society, an international non-profit organization concerned with electrochemical and solid-state science and technology. Fellowship recognizes individuals who have significantly contributed to electrochemistry and solid-state sciences and are leaders in the society. New fellows will be inducted this fall during the society's meeting in Las Vegas.

Wendy Newman, senior fellow at the Faculty of Information, has been selected to receive the Canadian Library Association's Ken Haycock Award for Promoting Librarianship, honouring individuals who have demonstrated exceptional success in enhancing public recognition and appreciation of librarianship. Newman was cited for her tireless work in advocating the importance and relevance of libraries to government, both federal and provincial. Newman received the award June 5 during the CLA's national conference and trade show in Edmonton.

Cathy Riggall, vice-president, business affairs, received the Agnes Amelia Blizzard Award for volunteer leadership from YWCA Canada.

Professor Elizabeth Smyth of curriculum, teaching and learning at OISE is the recipient of the Canadian Catholic Historical Association's G.E. Clerk Award, given to outstanding Canadian historians for their contributions to Catholic history. Smyth received the award June 1 during the annual meetings of the Congress of Social Sciences and Humanities at Concordia University. Smyth has also been selected to receive the Distinguished Historian Award, given by the Conference on the History of Women Religious for distinguished contributions and accomplishments in historical research on women's history. The award will be presented June 29 during the conference's triennial meeting June 27 to 30 at the University of Scranton, Scranton, Penn.

Professor Emeritus Brian Stock of comparative literature, a scholar of late antiquity and the Middle Ages, is among the 18 foreign honorary members elected to the American Academy of Arts and Sciences for 2010 and the only one from a Canadian institution. In all, 229 leaders in the sciences, social sciences, humanities, arts, business and public affairs were elected to the academy, one of the oldest and most prestigious honorary societies and independent policy research centres in the U.S. New members were announced April. 13.

Professor Yu Sun of mechanical and industrial engineering is the winner of the 2010 Early Career Award of the Robotics and Automation Society, one of the member societies of the Institute of Electrical and Electronics Engineers (IEEE). The award is given to individuals in the early stages of their careers who have made identifiable contributions that have had a major impact on the robotics and/or automation fields. Sun, Canada Research Chair in Micro and Nano Engineering Systems, is the first Canadian research to win the award since its establishment in 1999.

Professor Olivier Trescases of electrical and computer engineering and the U of T team of **Chris Lea**, director of facilities at Hart House, and **David Berliner**, Hart House's sustainability co-ordinator, are the winners of one of the three 2010 Green Innovation Awards, announced April 23 at the Green Toronto Awards ceremony at Exhibition Place. The project, Green Gym: Harvesting Energy From Exercise Equipment, was submitted by Trescases for Hart House and will receive \$10,000 in seed money to help pay for the development of a new type of exercise bicycle that will capture the energy expended and feed it into the electrical power system. The Green Innovation Awards program is Toronto's newest environmental grant program, a partnership between the city and Toronto Community Foundation designed to help aspiring Toronto-based entrepreneurs bring new green products and/or services to the Toronto marketplace.

Gerstein Science Information Centre

The renovated **Gerstein Reading Room** is the winner of the Ontario Architects Association's 2010 award for design excellence. The room was renovated and renewed by Diamond and Schmitt Architects and dates back to 1892. The awards were presented May 7 at the association's annual conference in Windsor.

President's Teaching Awards

This year's President's Teaching Award winners are Professors **Robert Brym** of sociology, **Steve Joordens** of psychology at the University of Toronto Scarborough, **Paul Stevens** of the Department of English and **Michael Wiley** from the Division of Anatomy in the Faculty of Medicine's Department of Surgery and **Barbara Murck**, a senior lecturer from the University of Toronto Mississauga's Department of Geography. They were chosen by a committee chaired by the provost and their appointments to the Teaching Academy were approved April 21 by Academic Board

The five award winners are the fifth class of outstanding teachers to receive the awards, which were first announced in 2006. They will each receive a stipend of \$10,000 a year for five years to further their work and as members of the Teaching Academy, they will be called upon periodically to discuss teaching-related matters and to advise the vice-president and provost and the Centre for Teaching Support and Innovation. They may also be asked to deliver an annual public lecture or a convocation address.

Killam Research Fellowships

This year, the Canada Council for the Arts awarded U of T three out of eight Killam Research Fellowships, among this country's most prestigious research honours. Professors **Eugenia Kumacheva** of chemistry, **Frank Kschischang** of electrical and computer engineering and **Andreas Mandelis** of mechanical and industrial engineering will each be provided with \$70,000 a year to devote two years to full-time research. Kumacheva's research will enable the use of microfluidics (the flow of liquids through micro channels) to create biological microenvironments, which improve the study of cell behaviour. Kschischang will develop approaches that improve the transmission rate and reliability of communications through wireless relay networks and fibre-optic communications channels, while Mandelis is expected to lead the development of a portable laser radar-based instrument that can be used for early detection and monitoring of osteoporosis.

Killam Fellowships support scholars engaged in research projects of outstanding merit in the humanities, social sciences, natural sciences, health sciences, engineering and interdisciplinary studies within these fields. The awards are given in recognition of a distinguished career and exceptional contributions in one of these fields. The fellowships are awarded with the expectation that recipients will continue to contribute to the Canadian research community.

Awards of Excellence (faculty and staff)

Professor Daniel Heath Justice of English and aboriginal studies is the winner of the Ludwik and Estelle Jus Memorial Human Rights Award, recognizing positive and lasting contributions to education and action in the fight against discrimination, while **Professor Ron Deibert** of political science received the Carolyn Tuohy Impact on Public Policy Award, recognizing excellence in teaching, research and the impact of scholarship on public policy. The Faculty Award went to **Professor Frank Kschischang** of electrical and computer engineering for demonstrating excellence in both teaching and research endeavours. **Pamela Gravestock** of the Centre for Teaching Support and Innovation, **Cameron Clairmont** of management at U of T Mississauga and **Attila Keszei** of facilities and services are winners of the Chancellor's Award, recognizing exceptional leadership in advancing the university's mission. Professor **Safwat Zaky** of electrical and computer engineering received the Vivek Goel Faculty Citizenship Award, given to a faculty member who has served the university with distinction in multiple leadership capacities, while the Joan E. Foley Quality of Student Experience Award went to **Dr. Christopher Perumalla** of medicine, giving to a faculty or staff member who has made a distinctive and lasting contribution to enhancing the quality of the student experience. **Professor Brad Inwood** of classics and philosophy is the winner of the Northrop Frye Award (individual) and **the Division of Teaching Laboratories** won the Northrop Frye Award (departmental), recognizing distinguished achievements in connecting teaching and research.

U of T Best Diversity Employer

U of T was named one of Canada's Best Diversity Employers for the third consecutive year. Canada's Best Diversity Employers competition recognizes employers with exemplary workplace diversity and inclusiveness programs involving women, members of visible minorities, persons with disabilities, Aboriginal Peoples and lesbian, gay, bisexual, transgendered/transsexual and queer (LGBTQ) employees. The competition is run by Mediacorp with the assistance of specialists from the diversity consulting firm TWI, Inc. They reviewed hundreds of employer applications and selected U of T as one of Canada's leaders in workplace diversity. The award honours U of T's dedication to establishing a work environment that embraces all groups of people and eliminates discrimination.

NSERC research prizes

The Natural Sciences and Engineering Council of Canada (NSERC) celebrates exceptional examples of research excellence through a wide range of prizes, and U of T researchers have won three of the prestigious awards: the Brockhouse Canada Prize for Interdisciplinary Research in Science and Engineering, given this year to U of T's **Centre for Coating Technologies** (CACT); the EWR Steacie Memorial Fellowship, awarded to **Professor Shana Kelley** (pharmacy, medicine and biochemistry); and the NSERC André Hamer Postgraduate Prizes, with **Nadine Borduas** (chemistry) earning master's degree student honours.

The Brockhouse Canada Prize recognizes outstanding Canadian teams of researchers from different disciplines who came together to engage in research and produced a record of excellent achievements in the last six years. Steacie Fellowships are awarded to enhance career development of highly promising university faculty who are already earning a strong international reputation for original research. The NSERC André Hamer Postgraduate Prizes are awarded to the most outstanding candidates in NSERC's master's and doctoral scholarship competitions. Valued at \$10,000, the prizes were established by Arthur McDonald, winner of the 2003 Gerhard Herzberg Canada Gold Medal for Science and Engineering, in memory of a very promising young scientist who died in 2003.

Student Awards

Hossam Abdelgawad, a PhD candidate in civil engineering, is the winner of the International Transport Forum's Young Researcher of the Year Award 2010 for his research that offers a novel approach to the mass evacuation of major cities in case of a catastrophe. His study is a first step towards enabling the most efficient evacuation for major emergencies, using different transport modes, and proposes an innovative framework that integrates car-based and mass transit-based evacuation. Abdelgawad received the award May 27 at the International Transport Forum in Leipzig, Germany, from German transport minister Peter Ramsauer. The forum is attended by the transportation ministers from the 52 member countries.

Vincent Cheung, a PhD student in electrical and computer engineering, continues to add to the accolades heaped on his company, Shape Collage Inc. Cheung was crowned student entrepreneur national champion at the 2010 Student Entrepreneur National Competition, held in Calgary May 12. At the competition, sponsored by Advancing Canadian Entrepreneurship, a charitable organization, and CIBC, Cheung and the five other regional finalists were asked to present their business accomplishments to a panel of judges that included WestJet president Clive Beddoes and former Alberta premier Ralph Klein. Cheung has owned and operated Shape Collage Inc., a digital media software company with an automatic photo collage-making software program, since last year.

Jane Chui and **Mike Klassen**, fourth-year students in the Faculty of Applied Science and Engineering, are the co-recipients of Engineers Canada's Student Gold Medal Award, given for outstanding leadership, contributions to society and volunteerism by an undergraduate engineering student. Chui is an outstanding future engineer who has demonstrated a commitment to her fellow engineering students here and abroad through her involvement in the NSight mentor program and the Asian University for Women's Cybermentor program. Co-president of U of T's Engineers Without Borders chapter, Klassen is an exceptional student who has served as a leader and role model in a number of capacities.

Chancellor's Student Art Exhibition awards

For the second consecutive year the top talent in the Chancellor's Student Art Exhibition received prizes from Chancellor **David Peterson** and his wife, Shelley. First prize (\$500) went to **Tessah Heckbert** of U of T Scarborough for her photograph, *Self-Portrait*; **Sangina Rashid** of U of T Scarborough earned second prize (\$300) for her photographic work *Portraits of an Inner Critique*. **Sebastian Koever** was awarded third prize (\$200) for his *Pool Balls* video and an honourable mention went to **Breann Ritchie** of the joint UTM-Sheridan program for her textile installation *Stream of Conscious*.

The show was judged by U of T alumna Emelie Chhangur, assistant director and curator at the Art Gallery of York University. The recipients were selected because "their work is sophisticated enough to stand alone, outside the context of class assignments and formal exercises," said Chhangur.

Awards of Excellence (students)

Erin Fitzgerald, a Victoria College Student, is the winner of the John H. Moss Scholarship, recognizing academic achievement and extracurricular leadership. UTAA Scholars are **David Topping**, a Victoria University student; **Leslie Busby**, a graduate of the Millie Rotman Shime Bridging Program at Woodsworth College and English specialist student; **Jasmeet Sidhu**, a peace and conflict studies student; and **Michael Beeler**, a peace and conflict studies major. **Sagar Dugani**, a medical student in the MD-PhD program, is the winner of the Adel S. Sedra Distinguished Graduate Award while **Bryce Croll**, a PhD student in astronomy and astrophysics, and **Gregory West**, a PhD candidate in psychology, are UTAA Graduate Scholars.