

## ENGINEERS RECEIVE HONOURS

By Nicole Axworthy



Engineers Canada-TD Insurance Meloche Monnex scholarship winner Allan Alfonso, P.Eng. (second from right), with (from left) Jean R. Lachance, chair, affinity market group, TD Insurance Meloche Monnex; Chantal Guay, ing., P.Eng., CEO, Engineers Canada; and Zaki Ghavitian, FIC, ing., president, Engineers Canada.

Engineers Canada-Manulife Financial scholarship winner Giovanni Montesano, P.Eng.

Cristina Amon, PhD, P.Eng., professor and dean, faculty of applied science and engineering, University of Toronto, has been named one of the Most Important Hispanics in Technology, Government and Business for 2010 by the American magazine *Hispanic Engineer & Information Technology*. Those chosen for the list are women and men who have demonstrated leadership in the workplace and in their communities.

Engineers Canada recently announced the recipients of the 2010 Engineers Canada national scholarships. Allan Alfonso, P.Eng., is a recipient of the Engineers Canada-TD Insurance Meloche Monnex scholarship. Valued at \$7,500, the scholarship supports engineers returning to university for further study or research in a field other than engineering. Giovanni Montesano, P.Eng., is a recipient of the Engineers Canada-Manulife Financial scholarship. Valued at \$12,500, the scholarship provides financial assistance to engineers returning to university for further study or research in an engineering field.

The 2010 Canadian Consulting Engineering Awards were recently presented to consulting engineering firms to recognize the knowledge, skill and expertise of consulting engineering firms in Canada. Held annually for 42 years, the awards are Canada's highest mark of recognition for projects by Canadian consulting engineering firms. The program is held jointly by the Association of Consulting Engineering Companies (ACEC)/L'Association des firmes d'ingénieurs-conseils (AFIC) and *Canadian Consulting Engineer* magazine. Awards of Excellence in the building

category went to Crosier Kilgour & Partners Ltd. for the Manitoba Hydro downtown office building in Winnipeg, MB, and to Glotman Simpson for the Richmond Olympic Oval in Richmond, BC. In the water resources category, an Award of Excellence went to J.L. Richards & Associates Limited for the Ravensview wastewater treatment plant upgrades in Kingston, ON. In the environmental remediation category, Awards of Excellence went to MTE Consultants Inc. for the Joseph and Gaukel streets road reconstruction and environmental remediation in Kitchener, ON, and to SNC-Lavalin Nuclear Inc. for the CANDU steam generator replacement at Bruce A units 1 and 2 in Kincardine, ON.

Roger Newman, PhD, LEL, has been named a fellow of the Electrochemical Society (ECS). A mark of high distinction, the fellowship recognizes individuals who have significantly contributed to electrochemistry and solid-state sciences and are leaders in society and in the profession. Newman is currently the NSERC-UNENE senior industrial research chair in the department of chemical engineering and applied science at the University of Toronto. His research has centred on the corrosion and protection of metals. He is heavily involved in the Canadian nuclear power industry and recently developed a new protocol that can predict and monitor corrosion of steel reinforcements in concrete. The ECS was founded in 1902 and is an international organization concerned with electrochemical and solid-state science and technology.

Plasco Energy Group has been named one of the Top 10 cleantech companies for 2010. Canada's Top 10 companies represent some of the best investment prospects in the life sciences, cleantech and technology sectors. Chosen by an independent expert panel of Canadian and US venture capitalists, winning companies exhibit the critical qualities necessary for success: an innovative product or service, a strong business case, a driven management team and a strategy

## [ AWARDS ]

Glotman Simpson is the winner of a Canadian Consulting Engineering Award in the building category for the Richmond Olympic Oval in Richmond, BC. Photo: Stephanie Tracey

SNC-Lavalin Nuclear Inc. is the winner of a Canadian Consulting Engineering Award in the environmental remediation category for the CANDU reactor steam generator replacement at Bruce A units 1 and 2 in Kincardine, ON. Here, the steam drum is being placed on temporary saddle supports inside the reactor building. Photo: SNC-Lavalin Nuclear



to deliver to the marketplace. Since the competition's inception in 1999, winners and alumni have secured more than \$600 million in venture capital financing. Plasco is a private waste conversion and energy generation company that builds, owns and operates conversion system facilities using their own proprietary world-leading technology to convert municipal household, commercial or industrial waste into green power and other valuable products.

Five engineering companies were recently recognized at the 10th annual Ontario Wood *WORKS!* Awards for their efforts to advance the use of wood construction. The Engineer Wood Advocate Award was presented to Halsall Associates Ltd. for continuing "to push the envelope" when it comes to structural design in wood. The Wood Champion Award was presented to Blackwell Bowick Partnership Ltd., a firm that shares its knowledge of wood through educational events and seminars to help build a wood culture. The Green Building Wood

Design Award went to The Walter Fedy Partnership for the Waterloo Region Museum in Kitchener. More than 98 per cent of the wood used in the project came from responsibly managed forests, and more than 50 per cent was sourced from Ontario. The Residential Wood Design Award went to Blackwell Bowick Partnership Ltd. for a southwestern Ontario cottage in Peterborough, which was a modern application of local Ontario-milled, post and beam sawn timber with wood-sheathed shear walls. The Institutional Wood Design Award for a project valued at less than \$10 million went to Piotrowski Consultants Ltd. for the Bill Barber complex in Callander. Demanding budget constraints and a short construction timeline required an "economical and efficient" structural solution for the 2260-square-metre facility, which involved constructing an all-weather cover for an existing open-air rink. The Institutional Wood Design Award for a project valued at more than \$10 million went to Halsall Associates Ltd. and Anrep Krieg Desilets Gravelle Ltd. for the North Bay Regional Health Centre. A total of 670,000 board feet of timber was used in the building structure, including 550,000 board feet of structural timber and 120,000 board feet of wood decking. The Northern Ontario Excellence Award went to Anrep Krieg Desilets Gravelle Engineers Inc. for the One Kids Place children's treatment centre in North Bay. To support and celebrate the wood culture in the area, the building's design team used heavy timber roof construction in all major public areas, and they selected spruce, pine and fir as these are native to the forests that surround North Bay. Much of the material used was reclaimed and found wood. The Wood *WORKS!* awards program is a national industry-led initiative spearheaded by the Canadian Wood Council to promote and support increased use of wood in commercial, industrial and institutional construction.

### CALLS FOR ENTRIES

PEO is calling for nominations for the 2011 Ontario Professional Engineers Awards program. The awards recognize excellence across a range of engineering endeavours, including innovation, professional leadership and entrepreneurship, as well as contributions to society in general. The deadline for entries is February 25, 2011. For more information, visit [www.peo.on.ca](http://www.peo.on.ca).

Undergraduate and graduate university students who are registered in an Ontario engineering program and in PEO's Student Membership or EIT program are invited to enter OCEPP's 2011 student essay competition. The winner will receive a \$1,000 award and be invited to present his or her paper at the centre's 2011 public policy conference May 6 in Ottawa. The deadline for submissions is March 1, 2011. For more information, visit [www.ocepp.ca](http://www.ocepp.ca).

Engineers Canada is calling for entries for its 2011 national scholarship program. Seven scholarships totaling \$70,000 will be awarded to engineers returning to university for further study. The deadline for submission of applications is March 1, 2011. More information can be found at [www.engineerscanada.ca/e/pr\\_awards\\_2\\_1.cfm](http://www.engineerscanada.ca/e/pr_awards_2_1.cfm).

The 3rd Annual Holcim Awards competition to promote sustainable construction worldwide is open for entries until March 23, 2011. The awards program is an initiative of the Holcim Foundation for Sustainable Construction. The competition aims to encourage and inspire a built environment that goes beyond convention to address the challenges of sustainability. For more information, visit [www.holcimawards.org](http://www.holcimawards.org). Σ