



Amir Khajepour, P.Eng., and Edward Sudicky, P.Eng., have been appointed as Canada research chairs by the Canadian government.

## ENGINEERS AND ENGINEERING FIRMS WIN TOP AWARDS

*By Nicole Axworthy*

CANADA'S TOP 100 EMPLOYERS is an annual competition recognizing companies and organizations that offer employees such options as flex hours, on-site daycare, transit rebates and free gyms. On the 2009 list are six engineering firms holding PEO Certificates of Authorization. Cementation Canada Inc. offers curling, golf and volleyball games for workers and spouses as well as generous tuition subsidies. Epcor Utilities Inc. offers workers discounts on home computer equipment purchases, subsidized employee sports teams and up to five personal days off each year. CH2M Hill Canada Ltd. offers a full-time telecommuting option, and a sustainability development reward program for those who undertake environmental projects. Golder Associates Ltd. offers international career opportunities through an in-house employee exchange program, and profit-sharing and share-purchase plans. Jacques Whitford Ltd. offers maternity leave top-ups to 75 per cent of salary for 52 weeks, tuition subsidies, and summer work placements for engineering students. Wardrop Engineering Inc. offers subsidized home and auto insurance and low-interest home loans, and cash bonuses of up to 50 per cent for good job performance.

The Canadian government's Canada Research Chairs Program has named new research chairs in universities across the country. Three P.Engs have been chosen: Amir Khajepour, P.Eng., Canada research chair in mechatronic vehicle systems, University of Waterloo; Edward Sudicky, P.Eng., Canada research chair in quantitative hydrogeology, University of Waterloo; and James Whiteway, P.Eng., Canada research chair in space engineering and atmospheric science, York University. The program, established in 2000, invests \$300 million annually to attract and retain outstanding scholars and scientists in natural sciences, engineering, health sciences, humanities and social sciences. It is a part of the government's plan to drive Canadian R&D excellence and enhance Canada's competitiveness in the global knowledge-based economy.

The second North American Holcim Awards for Sustainable Construction, which showcase the latest approaches to critical topics including affordable housing, employment, renewable energy and water efficiency, were recently presented at a ceremony in Montreal. The Living with Lakes Centre for freshwater restoration and research in Sudbury received the Bronze Award. The high performance, energy efficient building will be constructed on eight acres of pristine land on the shores of Ramsey Lake across from the main entrance to Laurentian University. The facility will be home to a world-class aquatic restoration research and monitoring program that will investigate the restoration of the city of Sudbury's ecosystem with an emphasis on guaranteeing drinking water quality for future generations. The project will be built to LEED platinum standards. The project team includes

J.L. Richards & Associates and Stantec Consulting. A Holcim Acknowledgement Prize went to the Evergreen Brick Works heritage site revitalization in Toronto. The project transformed a deteriorating industrial site into a visitor centre. The project team includes Halsall Associates (sustainability and structural engineering), Stantec Consulting (mechanical and electrical engineering), Totten Sims Hubicki (site servicing and ecology) and MMM Group (water resources). The Holcim awards are an international program that recognizes sustainable projects. The competition is run in parallel in five world regions by the Swiss-based Holcim Foundation for Sustainable Construction.

Angela Iannuzziello, P.Eng., president, ENTRA Consultants, was recently named one of 10 women of influence in North America by *Metro Magazine*, a leading transportation industry magazine. The magazine chose women in transportation who have used their skills in finance, construction, civic involvement, contract negotiations, social activism and entrepreneurship to make their mark on the industry. Iannuzziello was the only Canadian chosen. She has extensive transportation planning experience and now leads one of Canada's most prominent transportation planning firms, where she is responsible for financial and human resources and marketing, in addition to project management and delivery of services, both in Canada and the US.

Susan Tighe, PhD, P.Eng., civil and environmental engineering professor, University of Waterloo, was named one of 80 "amazing Canadian women to watch" in *Chatelaine* magazine's May 2008 issue that marked its 80th anniversary.

The honour recognizes Tighe's pavement expertise: "From highways to airport runways, the University of Waterloo professor brings her expertise to the design, construction and improvement of the country's infrastructure," the magazine reads. Tighe was the recipient of an Ontario Professional Engineers Awards' Engineering Medal, Young Engineer category in 2004.

### CALL FOR ENTRIES

The ET Foundation is accepting applications for their 2009 International Aluminum Extrusion Design Competition. University engineering students are eligible to participate. The deadline for nominations is February 16, 2009.

Details: [www.etfoundation.org](http://www.etfoundation.org)

The Ontario Professional Engineers Awards is accepting nominations for its 2009 awards in the professional and civic divisions. Deadline for nominations is February 27, 2009. Details: [www.peo.on.ca](http://www.peo.on.ca) or see p. 47 in this issue. Σ



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