

By NICOLE AXWORTHY

The *Journal of Systems & Software* (Elsevier) has ranked **Lionel Briand, P.Eng.**, among the top five world scholars in software systems engineering for 1999-2003. As a Canada Research Chair Tier 1 and associate professor at Carleton University, Briand is recognized as a driving force in software quality engineering research that focuses on enhancing the dependability of software systems through better verification and validation technologies.

A.P.S. Selvadurai, P.Eng., professor of civil engineering and applied mechanics at McGill University, became the first Canadian engineer to receive the Max Planck Research Prize in Engineering Sciences for 2003, and is one of three Canadians to receive the award since its inception in 1990. He received the award for his outstanding research achievements in the areas of applied mathematics, theoretical and applied mechanics, environmental geomechanics and computational geomechanics. The award is named in honour of the 1918 German Nobel Laureate in physics, Dr. Max Karl Ernst Ludwig Planck, who is recognized for his discovery of energy quanta, among other accomplishments. The awardees were selected from nominations by research scholars at universities and research institutes in Germany.

John Vlachopoulos, P.Eng., professor of chemical engineering at McMaster University, received the Distinguished Achievement Award of the Extrusion Division of the Society of Plastics Engineers (SPE). Vlachopoulos is director of the Centre for Advanced Polymer Processing and Design at McMaster University and president of Polydynamics, Inc. He is recognized for his contributions to polymer extrusion technology and to the plastics industry. SPE is the world's largest association of plastics professionals with over 25,000 members.

Engineers Without Borders has been named a 2004 Tech Museum Awards Laureate from the Tech Museum of Innovation in San Jose, CA. Engineers

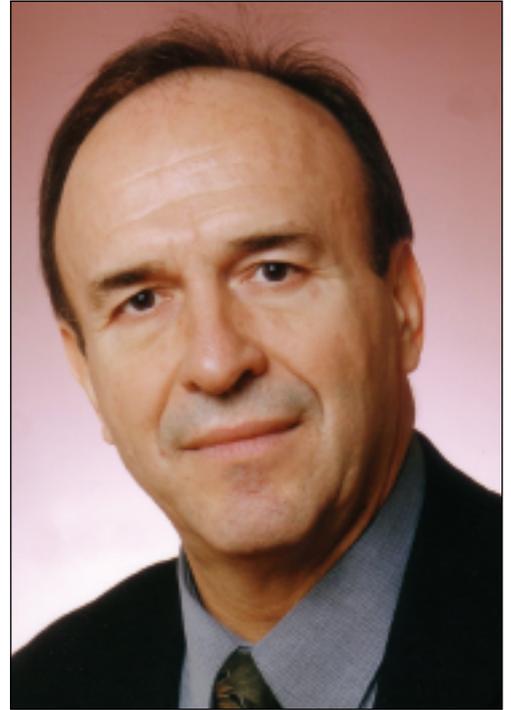
Without Borders is a volunteer organization that helps entrepreneurs in developing countries with water and sanitation systems, agriculture and food processing and energy production. In Canada, the organization has over 6000 volunteers. The Tech Museum Awards celebrate those who leverage new and existing technologies to benefit humanity.

Consulting Engineers of Ontario (CEO) presented the Willis Chipman Award to **Golder Associates** for the design and implementation of excavation works for the conservation, rehabilitation and upgrade of the Library of Parliament in Ottawa. The award is the highest distinction in Ontario's consulting engineering community. It recognizes a project that best demonstrates the valuable contribution that consulting engineers make to the social, economic and/or environmental quality of life in Ontario. Golder Associates is a global group of consulting engineers specializing in ground engineering and environmental science. The development of underground space for new facilities at the Library of Parliament was achieved without affecting the existing heritage building or disrupting the proceedings of Parliament.

CEO also presented Awards of Excellence to **BTE Services** for the design and implementation of MXL fire alarm systems for John Deere Welland Works; **Read Jones Chrisoffersen Ltd.** for the Bahen Centre for Information project at the University of Toronto; **Delcan-Hatch** joint venture for the design, construction, testing, commissioning and start-up of the Sheppard subway line in Toronto; and **Dillon Consulting Ltd.** for the Rennie and Brampton Streets Landfill Sites Erosion Control and Leachate Management Project in Hamilton.

Call for Nominations

The **Canadian Engineering Memorial Foundation** (CEMF) has introduced several new scholarships for female engineering students across Canada. This



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year, the \$5,000 undergraduate scholarship is open to first-, second- and third-year students of a Canadian accredited engineering program, and is available to one student from each of Canada's five regions. The CEMF is dedicated to attracting women to the engineering profession. For more information about undergraduate and other scholarships, call 866-883-2363, email info@semf.com or visit www.cemf.ca. The deadline for applications is January 21, 2005.

The **Ontario Water Works Association** has put out a call for submissions for the 2005 Water Efficiency Award, which recognizes those in the Ontario public and private sector who have implemented a successful water efficiency program. Applicants must have undertaken the project within the last four years. For more information, call Michael Brooks, Water Efficiency Committee, at 905-830-4444, ext. 5729, or visit www.owwa.com. The deadline for applications is December 31, 2004. ❖