



Malgorzata Zywno, P.Eng. (right), who received the Sharon Keillor Award for Women in Engineering Education, is shown here with Professor Frances Stewart, P.Eng., chair of the Women in Engineering Committee at Ryerson University.

BY NICOLE AXWORTHY

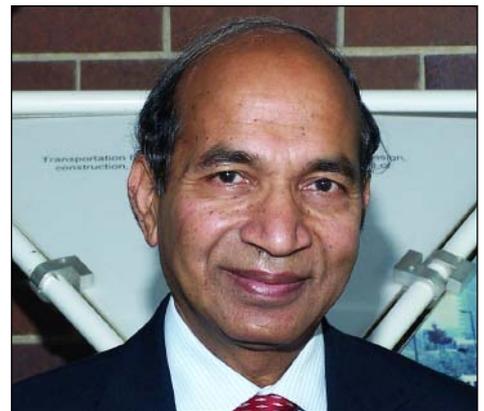
Malgorzata Zywno, P.Eng., professor of electrical and computer engineering at Ryerson University, received the Sharon Keillor Award for Women in Engineering Education from the American Society for Engineering Education. The award recognizes Zywno's outstanding record of educational leadership and research, her expertise in innovative pedagogy and her use of technology in engineering education.

The annual Ontario Consulting Engineering Awards recognize the knowledge, skill and expertise of consulting engineers in Ontario and showcase the importance of consulting engineering to the economic, social and environmental quality of life in the province. This year, **Marshall Macklin Monaghan Ltd.** and partners **Giffels Associates Ltd.** and **Parsons Overseas Canada** received the Willis Chipman Award for the Pearson Airport terminal development program. Awards of Excellence went to: **Banerjee & Associates Ltd.** for the Toronto Eaton Centre redevelopment; **Smith and Andersen Consulting Engineering** for the Killbear Provincial Park Discovery Centre in Georgian Bay; **MacViro Consultants Inc.** for

the York-Peel Water Partnership, design-build of the Airport Road reservoir and pumping station; and **McCormick Rankin Corp.** for the Laurier Bridge reconstruction in Ottawa. Awards of Merit went to: **Eramosa Engineering Inc.** for the sewage pumping station and lagoon-flow monitoring upgrades for Haldimand County; **Wardrop Engineering Inc.** for the Pickering Nuclear Power Generating Station's remote emergency power-generation project; and **CH2M Hill Canada**



Adel Sedra, P.Eng., received an honorary doctor of laws degree at the University of Toronto's spring convocation.



Jagmohan Humar, PhD, P.Eng., was inducted as a Fellow of the Canadian Academy of Engineering.

Ltd. for the David Street Water Treatment Plant upgrades for the City of Greater Sudbury.

Four outstanding P.Eng.s have been inducted into the University of Toronto's faculty of applied science and engineering Hall of Distinction, honouring their professional and community achievements. The honourees are: University of Toronto Professor **Levente Diosady, P.Eng.**, cited for developing food-chemical technologies that hold the potential to improve millions of lives; **Frank Dottori, P.Eng.**, president and CEO of Tembec Inc., who built his firm into a forest-products giant based on innovation and participative management; **Art Johns, P.Eng.**, chairman of Morrison Hershfield, noted for his high standards, skill in structural design and business judgment; and **Alexander Stuart, P.Eng.**, founder and chairman emeritus of Stuart Energy, whose work on hydrogen as an environmentally friendly fuel has gained international recognition.

Adel Sedra, P.Eng., dean of the University of Waterloo's faculty of engineering, received an honorary doctor of laws degree at the University of Toronto's spring convocation. Sedra is an internationally recognized authority in the field of microelectronics and has published 150 papers, guided the research of 65 graduate students, and co-authored three textbooks.

Carleton University celebrated the accomplishments of three P.Eng. faculty members with awards in research and teaching. **Ronald Miller, P.Eng.**, associate professor, department of mechanical and aerospace engineering, received a Research Achievement Award for his research in materials science. **Paul Van Geel, P.Eng.**, associate professor, department of civil and environmental engineering, received a Research Achievement Award for his research in moisture distribution in landfills. **Calvin Plett, P.Eng.**, associate professor, department of electronics, received a Teaching Achievement Award for his enthusiasm and dedication to teaching.

Jagmohan (Jag) Humar, PhD., P.Eng., distinguished research professor, Carleton University, was inducted as a Fellow of the Canadian Academy of Engineering (CAE) at the CAE's annual meeting in Calgary. Fellows of the CAE are professional engineers from all disciplines, elected on the basis of their distinguished service and contribution to society, the country and the profession. Humar is internationally recognized for his research in the areas of structural dynamics and earthquake engineering.

Students from the **University of Waterloo Alternative Fuels Team** recently drove away with a new Chevrolet Equinox, over \$20,000 in prize money, and top honours in the first stage of the North American Challenge X: Crossover to Sustainable Mobility engineering competition. The competition runs for three years and involves re-engineering a GM crossover SUV with the goal of improving on-road fuel economy and reducing emissions. The Waterloo team is the only Canadian entrant among 17 universities from across North America. The team's design, called a "series fuel cell hybrid," will be placed into a 2005 Chevrolet Equinox compact SUV in the next two years of the competition. The technology itself includes world-class, Canadian-made components, including a fuel cell engine from Mississauga-based Hydrogenics Corp. and an electric drive from Ballard Power in Burnaby, BC. ❖



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