

# A W A R D S

By NICOLE AXWORTHY

**Allan Carswell, P.Eng.**, is among 82 new appointments to the Order of Canada, announced August 29 by then Governor General Adrienne Clarkson. Carswell, professor emeritus in the department of physics and astronomy at York University, is an internationally recognized leader in laser radar (lidar) applications, a field in which he has been working since its beginnings in the early 1960s. Carswell's appointment as a Member of the Order recognizes his pioneering work in lidar and space research. The Order of Canada recognizes outstanding achievement and service in various fields of human endeavour. It is Canada's highest honour for lifetime achievement.

The 2005 recipients of the Order of Ontario were announced September 7 by Lieutenant Governor of Ontario James Bartleman. **Tyseer Aboulnasr, P.Eng.**, was among the 29 recipients. Aboulnasr is the former dean of the faculty of engineering at the University of Ottawa and the first woman to chair the Council of Ontario Deans of Engineering. The Order of Ontario is the province's greatest honour and rec-

ognizes those who have attained the highest standards of excellence and achievement in their respective fields.

At 39 years old, **Joseph P. Mattell, P.Eng.**, has made the list of Canada's Top 40 Under 40 this year. He is the Canadian Country Leader of consulting firm BearingPoint Inc., and is responsible for all aspects of its business in the country. Canada's Top 40 Under 40 is a national program that honours the best, brightest and youngest Canadians who have reached a significant level of success before their 40th birthdays. Individuals are chosen based on their professional accomplishments, vision, leadership, innovation, and community involvement.

At the University of Waterloo's faculty of engineering convocation ceremonies in June, two professional engineers were honoured for their achievements and excellence in engineering. **Basma Shalaby, P.Eng.**, received a Doctor of Engineering, honoris causa, and retired professor **Alan Plumtree, P.Eng.**, was named Distinguished Professor Emeritus. As chief engineer for Atomic Energy of Canada Ltd., Shalaby is an author-

ity on process design matters relating to nuclear reactors. Plumtree, a retired professor of Waterloo's department of mechanical engineering, is the author of more than 200 scientific and technical publications. Engineering graduate **Alice Malisia** received the Alumni Gold Medal. A graduate in systems design, Malisia is the top student in the 2005 engineering graduating class.

**Abi Aghayere, P.Eng.**, is one of this year's recipients of Rochester Institute of Technology's (RIT) prestigious Eisenhart Award for Outstanding Teaching. As a professor of civil engineering technology at RIT's College of Applied Science and Technology, Aghayere developed several courses, a certificate program and also pioneered the development of online courses in civil engineering and technology. In addition to teaching, he has written several papers and is a senior structural engineer at Stantec Inc.

1. Canada's highest honour for lifetime achievement was bestowed upon Allan Carswell, P.Eng., who was appointed as a Member of the Order of Canada.
2. Tyseer Aboulnasr, P.Eng., was among 29 appointments to the Order of Ontario, the province's highest honour.
3. Named one of Canada's Top 40 Under 40 this year



is Joe Mattell, P.Eng. 4. Basma Shalaby, P.Eng., (second from left) received a Doctor of Engineering degree from the University of Waterloo. From left, University of Waterloo Chancellor Mike Lazaridis, Shalaby, degree recipient Irwin Jacobs, and University of Waterloo President David Johnston. Photo: Chris Hughes, University of Waterloo. 5. Alan Plumtree, P.Eng., (centre) was named Distinguished Professor Emeritus of the University of Waterloo. With him are University of Waterloo Provost Amit Chakma (left), and Dean of Engineering Adel Sedra, P.Eng. (right). Photo: Chris Hughes, University of Waterloo. 6. Alice Malisia, a 2005 graduate of University of Waterloo's systems design engineering, received the Alumni Gold Medal to recognize her academic achievement. 7. Abi Aghayere, P.Eng., is a recipient of the Eisenhart Award for Outstanding Teaching from the Rochester Institute of Technology.