

# A W A R D S

BY NICOLE AXWORTHY



Peter Zandstra, P.Eng., is a recipient of a 2007 Guggenheim Fellowship Award.

**Peter William Zandstra, P.Eng.**, associate professor, Institute of Biomaterials and Biomedical Engineering, University of Toronto, is among the 189 scholars, artists and scientists from across Canada and the United States to receive **2007 Guggenheim Fellowships** and who will share in a total of \$7.6 million. The John Simon Guggenheim Memorial Foundation was established by United States Senator Simon Guggenheim and his wife in 1925. The fellowships are awarded to advanced professionals in mid-career who have demonstrated “exceptional capacity for productive scholarship or exceptional creative ability in the arts.” The awards are intended to help recipients engage freely in research in any field of knowledge and creation in any of the arts. Zandstra’s work involves stem cell bioengineering.

The American Society of Mechanical Engineers (ASME) recently awarded the **ASME Engineer-Historian Award** to **Andrew Hastie Wilson, P.Eng.**, to recognize his published works, particularly his 1996 *From Steam to Space* and a series of articles in the Canadian Society for Mechanical Engineering *Bulletin*. This award recognizes outstanding written work by an engineer dealing with the history of mechanical engineering, and is intended to encourage the active interest by mechanical engineers in the history of their profession. Wilson is the first Cana-

dian to win this award. He was also the recipient of the Sir John Kennedy Medal of the Engineering Institute of Canada in 2006 and is currently celebrating his 50th year of licensing by PEO.

The American Society of Civil Engineers has awarded its **Jack E. Cermak Medal** to **Peter Irwin, P.Eng.** The prestigious medal is awarded to an individual in recognition of a lifetime of achievement in the field of wind engineering. Irwin’s experience in this area dates back to 1974 and includes extensive research and consulting in wind loading, aeroelastic response, wind tunnel methods and instrumentation. He is currently president and CEO of RWDI, a consulting firm based in Guelph, and previously spent six years as a research officer with National Research Council Canada and two years with the Royal Aircraft Establishment in Farnborough, UK.

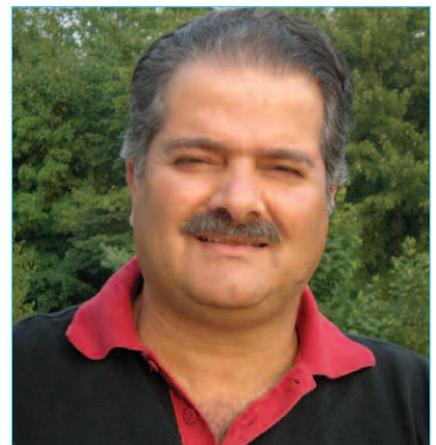
The Institute of Electrical and Electronics Engineers has named **Eric B. Forsyth, P.Eng.**, the recipient of its **2007 Herman Halperin Electrical Transmission and Distribution Award**. The award is given to outstanding individuals who have made contributions to electrical transmission and distribution. Forsyth was recognized for his expertise in the practical application of superconductors to power transmission technology, which has resulted in more efficient distribution of electricity. Throughout his 35-year career as senior scientist at the Brookhaven National Laboratory in New York, Forsyth’s pioneering work on the design of superconductors has had enormous application to power transmission systems, including the ability to transport power over very long distances.

**Ehsan Ghrear, P.Eng.**, is a recipient of Ontario’s inaugural **Newcomer Champion Awards**, which were presented to 14 Ontario residents for their roles in helping immigrants adjust to their new surroundings, or in helping to foster a spirit of cultural understanding and diversity. Ghrear was recognized for his work in assisting immigrants who settle in the Waterloo region. In 2005, he and his wife



Eric B. Forsyth, P.Eng., receives the Herman Halperin Electrical Transmission and Distribution Award from W.O. Kennedy, director of IEEE Division VII, at the IEEE Summer Power Engineering Society meeting in Tampa, Florida.

established an Arabic-language school for young children, operating out of Reception House in Kitchener. He also arranges social activities for the local Arab community, where immigrants can share experiences, work through problems and find balance between Canadian culture and their own. An electrical engineer in his homeland,



Ehsan Ghrear, P.Eng., is one of the first recipients of the Newcomer Champion Award from the Ontario government.

Ghrear arrived in Canada seven years ago to become a P.Eng. in Ontario and now works in the construction industry.

**Maria Kelleher, P.Eng.**, has recently been named the **Waste Management Professional of the Year** by the Munic-



Maria Kelleher, P.Eng., is named the 2007 Waste Management Professional of the Year (WIMPY) by the Municipal Waste Integration Network. Photo: Howard Levitt

ipal Waste Integration Network. Known by its acronym, WIMPY, the award recognizes the distinguished service of individuals in advancing progressive methods for managing waste and protecting the environment, or in fostering fellowship and a high standard of professionalism among peers. Kelleher, principal of Kelleher Environmental in Toronto, has been involved in environmental and waste management projects both in Canada and internationally since the early 1980s.

Professors **Raviraj Adve, P.Eng.**, and **Wei Yu, P.Eng.**, were honoured with teaching awards from the University of Toronto. Adve received this year's highest teaching tribute, the **Faculty**

**Teaching Award**; Yu was named this year's **Early Career Teaching Award** winner. The professors, both of the department of electrical and computer engineering, were chosen by nomination from students and peers.

### Call for entries

The **Seatrade Awards** promote improvements in maritime standards by recognizing achievement and innovation in such categories as sea safety, protection of the marine and atmospheric environment, ship operations innovation, and investment in people. **The deadline for entries is December 31, 2007.** Visit [www.seatrade-global.com](http://www.seatrade-global.com) for more information and for official entry forms. ◆