

## By JENNIFER COOMBES

Each year, the Ontario Concrete Awards honour the innovative use of concrete as a principal construction element, both in precast and cast-in-place projects. The winners of the **2006 Ontario Concrete Awards** are: **Blackwell Bowick Partnership Limited** (Architectural Merit award) for the Discovery Landing project in Burlington; **Giffels Associates Limited** (Architectural Flooring or Hardscape award) for the Princess Auto project; **Halcrow Yolles** (Structural Design Innovation award) for their work on the Four Seasons Centre for the Performing Arts in Toronto; and **Planmac Inc. Consulting Engineers & Planners** (Infrastructure award) for the Creditview Road Heritage Bridge Rehabilitation in Brampton. **Marshall Macklin Monaghan and Stephenson Engineering Ltd.** jointly won the Specialty Concrete Applications award for the William Osler Health Centre project in Brampton, and **Read Jones Christoffersen Ltd.** won the Mid to High Rise Residential award for the Home Condominiums project in Toronto, as well as the Sustainable Concrete Construction award for the Centre for Manufacturing and Design Technologies, Sheridan College in Brampton. The awards were presented at an awards banquet held at Construct Canada in Toronto on November 29.

For the seventh consecutive year, **Golder Canada**, which specializes in ground engineering and environmental services, has been chosen as one of the **50 Best Managed Companies in Canada**. For the sixth year in a row, the company has also been named one of the **50 Best Employers in Canada**. Golder's focus on career development,

with continued learning awards for full- and part-time studies and its internal education program known as Golder U, helped the company garner this recognition. Golder has also been named one of **Canada's Top 100 Employers** in a survey sponsored by *Maclean's* magazine, based on the criteria of physical work-



Corey Centen (left), and Nilesh Patel, both electrical and biomedical engineering students at McMaster University, won first place in the Innovation Design category at the Ontario Engineering Competition with their CPR Glove, a device that helps people administering CPR by measuring the frequency and depth of chest compressions.

Photo: Susan Bubak, McMaster University

place; work atmosphere and social, health, financial and family benefits; vacations and time off; employee communications; performance measurement; training and skills development; and community involvement.

Two teams of fourth-year students from **McMaster University's faculty of engineering** took first place at the **Ontario Engineering Competition** held in Ottawa in February. These victories now qualify the teams for the Canadian Engineering Competition in Saskatoon in March.

Electrical and biomedical engineering students **Corey Centen** and **Nilesh Patel** won the Innovative Design category and a \$4,000 prize for their invention of a CPR Glove. The device, designed to help people provide CPR

correctly and, ultimately, improve the survival rates for victims of cardiac arrest, was inspired by the knowledge that people trained in CPR forget most of what they've learned within six months.

Chemical and bioengineering students **Lauren Davies** and **Marka Jansen**, materials science and engineering student **Paul Okrutny**, and engineering physics student **Patrick Wilson** placed first and received a \$2,800 prize in the Consulting Engineering category for their presentation for optimizing firefighters' health and performance when battling large blazes, such as the 1991 oil well fires in Kuwait. Although not eligible to continue on to the Canadian Engineering Competition, fourth-year mechanical engineering and management student **Adrienne Reader** took third place in the Engineering Communications category for her ability to present a technical viewpoint on biodiesel that can be understood by the general public.

## Call for papers

The Hong Kong Institute of Engineers (HKIE) has issued a call for paper submissions for the **HKIE Outstanding Paper Award for Young Engineers/Researchers 2007**. With the goal of providing a platform for local and overseas young engineers and researchers to share and exhibit their accomplishments in various engineering fields, organizers will accept papers from individuals aged 35 or under until Friday, April 13, 2007. Papers will be judged on organization, methodology, critical analysis, quality, style, clear presentation, sources and language. Submission guidelines can be found at [www.hkie.org.hk/paper\\_award2007](http://www.hkie.org.hk/paper_award2007). For more information, contact Jimmie Chow at 852-2895-4446 or email [hkietransactions@hkie.org.hk](mailto:hkietransactions@hkie.org.hk).