



2008 Engineers Canada AWARDS

The Engineers Canada Awards recognize individual engineers and engineering students for their contributions to the engineering profession and to Canadian society. Nine exceptional individuals received awards in 2008.

Gold Medal Award

Jacques Lamarre, O.C., ing.,
MACG
OIQ
Canadian engineering solutions to world markets is Jacques Lamarre's vision and his passion. As president and chief executive officer of SNC-Lavalin Group Inc., he has led the company's rise to become a world leader in engineering, construction and infrastructure development active in over 100 countries and employing 20,000 people. Under his leadership, SNC-Lavalin has been consistently rated among the top engineering companies in the world. An officer of the Order of Canada, Jacques Lamarre has contributed significantly to the promotion of Canadian engineering expertise globally.

National Award for an Engineering Project or Achievement

Yitzhak Rabin Cross Israel Highway
Gabriel Soudry, ing.
OIQ
Known as "The Intelligent Highway," the Yitzhak Rabin Cross Israel Highway is Israel's biggest infrastructure project since 1964. As one of three key players leading this project, Gabriel Soudry, a member of the Ordre des ingénieurs du Québec, was responsible for 282 subcontracts and agreements involved in the development of this ultra-modern electronic toll highway, which now connects northern and southern Israel and includes 86 kilometres of highway, 14 interchanges, 140 bridge structures, a 455-metre-long twinbarrel tunnel, 100 kilometres of agricultural service roads, a control centre and nine tollbooths.

Young Engineer Achievement Award

Stella Chiu, P.Eng.
APEGBC
Thirty-year-old Stella Chiu has been living in Canada for just eight years, but has already earned recognition for both her professional engineering abilities and her dedication to her profession and to the community. After completing a bachelor of civil and structural engineering in Hong Kong, Ms. Chiu achieved a master's in environmental engineering in Vancouver, British Columbia, where she has since completed several major municipal projects in British Columbia. Stella is a role model to her colleagues, seasoned and junior. She is the editor of the British Columbia Water and Waste Association's publication Watermark.

Medal for Distinction in Engineering Education

Uttandaraman Sundararaj, PhD, P.Eng.
APEGGA
A professor in the Department of Chemical and Materials Engineering at the University of Alberta, Uttandaraman Sundararaj is an exceptional instructor adept at explaining difficult and abstract concepts in a manner that makes these accessible to all of his students. Mr. Sundararaj constantly seeks innovative ways to communicate with his students through novel in-class experiments, and has developed innovative teaching methods, particularly e-learning using websites and web chat sessions. He was recently recognized with the Alexander C. Rutherford Award for Undergraduate Teaching Excellence, the university's highest teaching honour.

Award for the Support of Women in the Engineering Profession

Catherine Stewart, P.Eng.
APEGM
Having blazed trails for future engineers, Cathy Stewart is a woman of firsts. She excelled throughout her career, implementing technological advances for the mining industry, championing environmental stewardship, furthering the cause of women in her field, and serving as an exemplary leader to everyone she coached along the way. Recently retired, Ms. Stewart is particularly renowned for the tireless energy she devoted to advance the cause of women in the engineering profession.



Meritorious Service Award for Professional Service

Digvir S. Jayas, PhD, P.Eng.,
FCAE
APEGM
Widely recognized as one of the world's leading experts in grain storage research, Dr. Jayas has achieved and accomplished more for the engineering profession than most engineers could hope to achieve in a lifetime. He was the president of the Association of Professional Engineers and Geoscientists of the Province of Manitoba (2005) and volunteered on numerous Engineers Canada and From Consideration to Integration committees. Dr. Jayas has also risen through the academic and administrative ranks at the University of Manitoba in record time.



Gold Medal Student Award

Jane Polak Scowcroft,
Student member - APEGM
After entering the Faculty of Engineering at the University of Manitoba at the tender age of 16, Jane Polak Scowcroft has just received her computer engineering degree. Not only was she the only woman in her class, she was just 21 years old. Ms. Polak Scowcroft, a member of APEGM, has demonstrated leadership through her student activities and through her involvement in Engineers Without Borders. The Women's Executive Network recently recognized her as one of Canada's most powerful women.



Meritorious Service Award For Community Service

William M. Butler, P.Eng.
APEGNB
For the past 35 years, civil engineer Bill Butler has worked tirelessly to make the world a better place. He began his career as a resident construction engineer for the Department of Highways in Prince Edward Island, and worked for 28 years at the City of Saint John, New Brunswick, completing his tenure as the commissioner of community services. Among his other efforts, he helped develop a program that helps people in developing countries establish sustainable drinking water resources and sanitation facilities.



Special Recognition Award

Engineers Without Borders
Canada
With more than 30,000 members in 33 chapters across Canada, and 250 overseas volunteers, Engineers Without Borders has fast become a Canadian leader in international development, reaching over 250,000 people in 2007 alone. The organization has been a vehicle for numerous engineering students to deserve the Engineers Canada Gold Medal Student Award.



Engineers Canada gratefully acknowledges the sponsors of the 2008 Engineers Canada Awards



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