

ONTARIO LICENCE HOLDERS AND ENGINEERING STUDENTS HONOURED WITH NUMEROUS AWARDS

By Nicole Axworthy



Suresh Neethirajan, P.Eng., Jonathon Rose, P.Eng., and Samantha Espley, P.Eng., were presented with 2015 Engineers Canada Awards.

Monique Frize, P.Eng., FEC, distinguished professor, faculty of engineering and design, Carleton University, was recently honoured with several awards during the World Congress on Medical Physics and Biomedical Engineering in Toronto, including the Life Achievement Award from the Canadian Medical and Biological Engineering Society. She was named a fellow of the society two years ago. Frize was also named an honorary life member of the International Federation of Medical and Biological Engineering, and received an award for dedication and outstanding contributions as the North America regional group representative and chair of the Women in Biological Engineering Committee.

Paul Smeltzer, P.Eng., was recently named one of the American Public Works Association's (APWA) 2015 Top 10 Public Works Leaders of the Year. Smeltzer has 35 years of industry experience and is the Niagara Region's director of water and wastewater services. One of his greatest contributions to APWA was chairing the 2014 APWA International

Public Works Congress and Exposition. Together with his organizing committee, he made the 2014 Toronto congress the "Best Show in Public Works." The APWA Top 10 Public Works Leaders of the Year program honours excellence and dedication in public service by recognizing career service achievements of public works professionals and officials from both the public and private sectors.

Three PEO members have been presented 2015 Engineers Canada Awards. Suresh Neethirajan, P.Eng., assistant professor, school of engineering, University of Guelph, received the Young Engineer Achievement Award, which is presented to an engineer 36 years of age or younger for outstanding contributions in a field of engineering. Jonathon Rose, PhD, P.Eng., professor, Edward S. Rogers, Sr. department of electrical and computer engineering, University of Toronto, received the Medal for Distinction in Engineering Education, which is presented to an engineer for exemplary contributions to engineering education at a Canadian university. Samantha Espley, P.Eng., general manager, mines and mills technical services, Vale Canada, received the Award for the Support of Women in the Engineering Profession, which is presented to an engineer for outstanding support of women in the engineering profession and engineering excellence.

[AWARDS]

Fifty new fellows, including 16 Ontario practitioners, have been inducted into the Canadian Academy of Engineering (CAE). PEO licence holders inducted are: Kim Allen, P.Eng., FEC, Thomas Robert Beamish, P.Eng., Kamran Behdinan, P.Eng., Pu Chen, LEL, Greg Evans, P.Eng., Rick Hohendorf, P.Eng., Robert Magee, P.Eng., V. Mohan Malhotra, P.Eng., Sushanta Mitra, P.Eng., Osama Moselhi, P.Eng., Natalia K. Nikolova, P.Eng., Vladimiro Papangelakis, P.Eng., Michel J. Pettigrew, P.Eng., Anne Sado, P.Eng., Michael V. Sefton, P.Eng., and James S. Wallace, P.Eng. The CAE is an independent, self-governing, non-profit organization established in 1987. Members of the CAE are nominated and elected by their peers to honorary fellowships, to recognize their distinguished achievements and career-long service to the engineering profession.

Twenty PEO licence holders have been recognized with an Amethyst Award, the most prestigious award given by the Ontario Public Service, for their involvement in the Value Engineering Coordinator Committee of the Ontario Ministry of Transportation. The recipients are: Frank Hochstenbach, P.Eng., Steve Holmes, P.Eng., Makael Kakakhel, P.Eng., Manal Kasim, P.Eng., David Kerr, P.Eng., Peter Korpala, P.Eng., Norm Meyers, P.Eng., Mike Pearsall, P.Eng., Roch Pilon, P.Eng., Dan Preley, P.Eng., Dennis Regan, LEL, Scott Reid, P.Eng., Dan Remollino, P.Eng., Don Rowat, P.Eng., Rakesh Shreewastav, P.Eng., FEC, Michael Sit, P.Eng., Angela Stewart, P.Eng., Frank Vanderlaan, P.Eng., Lola Vaz, P.Eng., and Rita Venneri, P.Eng. The Amethyst Awards recognize exceptional Ontario Public Service staff who create new ways of delivering service, develop time- and cost-saving technology, or showcase professionalism and care in performing tasks.

Shiping Zhu, PhD, P.Eng., professor, department of chemical engineering, McMaster University, recently became a Distinguished University Professor at McMaster. The title, created in 1996, goes only to those who achieve the highest level of excellence in teaching, learning and research. Those recognized with the honour are considered complete scholars and have demonstrated an outstanding and sustained research record, innovation in teaching and learning, and a history of service that has had an impact on the community.

Todd Hoare, PhD, P.Eng., associate professor, department of chemical engineering, McMaster University, has been honoured with a University

Scholarship prize from McMaster. The title recognizes faculty members in mid-career who have already distinguished themselves as international scholars. Recipients are considered global leaders in several diverse research areas and academic disciplines. Hoare was awarded for the next four years and will receive \$15,000 a year from McMaster provost David Wilkinson and the faculty dean.

Zhen Ming Jiang, EIT, professor, York University, has received the 2015 IEEE Best Software Engineering in Practice Paper Award for a paper he co-authored called *An Industrial Case Study on the Automated Detection of Performance Regressions in Heterogeneous Environments*. The award is viewed as the most prestigious paper award in software engineering for industrially relevant research. The paper was published at the 2015 International Conference on Software Engineering in collaboration with researchers from BlackBerry, Queen's University and École Polytechnique de Montréal.



Alourdes Sully, P.Eng., FEC, is presented with a Leading Women, Leading Girls, Building Communities Award by Kevin Flynn, Oakville MPP and Ontario minister of labour.

Alourdes Sully, P.Eng., FEC, has been honoured with a Leading Women, Leading Girls, Building Communities Award from the Ontario Women's Directorate. The award recognizes her enthusiasm to inspire the next generation of female engineers. An outstanding role model for young women, Sully is also a member of the Women in Trades, Technology and Engineering Network at Hydro One. The leadership award acknowledges and celebrates women and girls who demonstrate exceptional leadership in working to improve the lives of others in their communities.

The Canadian Engineering Memorial Foundation (CEMF) has announced its 2015 scholarship recipients. Laura Brown, a natural resources engineering student at Laurentian University, has been named the 2015 Vale Master's in Engineering Scholarship winner. This \$10,000 scholarship is awarded annually to the most promising woman interested in the mining or metallurgical field, who is a full-time graduate engineering student at the master's level in Canada. Lauren Rose, a University of Ottawa student working towards her master's in chemical engineering, is the recipient of the Rona Hatt Master's Scholarship in Chemical Engineering.



The 2015 University of Toronto Gordon Cressy Student Leadership Award winners are: (top row, left to right) Praneet Bagga, Ivan Damnjanovic, Eric Ma, Piyush Gupta, Ishan Gupta, Gordon Tang, Vinson Truong; (bottom row, left to right) Nicole D'Mello, Cassandra Rosen, Kimberly Shen, Cristina Amon, ScD, P.Eng. (dean), Mehran Hydary, Amanda Aleong, Alice Ye and Marissa Goldsmith. Missing from the photo are Amanda Santos and Ananya Tandon-Verma.

Photo: Roberta Baker

This new scholarship, worth \$5,000, is awarded annually to a woman enrolled full-time in a graduate chemical engineering program at the master's level. **Crystal Säbel**, **Sarah Hall** and **Paige Clarke** are recipients of the 2015 Vale Undergraduate Engineering Scholarships. The \$10,000 scholarships are awarded annually to the most promising women in an accredited undergraduate engineering program in Canada interested in the mining and metallurgical fields. Säbel is in her fourth year of the chemical engineering co-op program at Laurentian University, specializing in environmental sustainability. Hall is a third-year chemical engineering student at McMaster University. Clarke, a second-year student at the University of Toronto, is enrolled in the mineral engineering program. **Kelly Gribbons**, a second-year systems and computing engineering student at the University of Guelph, has been named the 2015 Allstream Information and Communication Technology Engineering Scholarship winner. The \$5,000 scholarship is awarded annually to the most promising woman interested in the information and communication technology engineering field at the university level. **Samantha Stuart**, a first-year engineering student with a specialty in materials, is the winner of the CEMF Ontario region scholarship. This \$5,000 scholarship is awarded annually to the most promising woman in an accredited undergraduate engineering program in Canada.

Linda Chigbo, a second-year electrical engineering student at York University's Lassonde School of Engineering, has been selected to receive the Hydro One 2015 Women in Engineering Scholarship. Part of Hydro One's student scholarship program, the Women in Engineering Scholarship recognizes outstanding postsecondary achievement by women in the electrical engineering discipline in Ontario. Winners receive

a \$5,000 financial reward and an opportunity to work for Hydro One in a paid developmental work placement.

Sixteen University of Toronto engineering students were recently honoured at the 2015 Gordon Cressy Student Leadership Awards ceremony. The students are: **Amanda Aleong**, **Praneet Bagga**, **Ivan Damnjanovic**, **Nicole D'Mello**, **Marissa Goldsmith**, **Ishan Gupta**, **Piyush Gupta**, **Mehran Hydary**, **Eric Ma**, **Cassandra Rosen**, **Amanda Santos**, **Kimberly Shen**, **Ananya Tandon-Verma**, **Gordon Tang**, **Vinson Truong** and **Alice Ye**. The leadership award recognizes students who have made outstanding extra-curricular contributions to their college, faculty or school, or to the university as a whole. The award was established in 1994 and is named after a former U of T vice president of development and university relations.

CALL FOR ENTRIES

The International Tunnelling and Underground Space Association is accepting entries for its first organized awards initiative to identify and celebrate outstanding achievement in tunnelling and underground space development, and to promote international recognition of the industry's contributions to engineering and society. The ITA Tunnelling Awards will spotlight individuals, companies and owners behind the best projects and innovations. Submissions are due August 14, 2015. For more information, visit awards.ita-aites.org. Σ