



NEWS RELEASE

For Immediate Release: Attention News/Assignment Editors

Ontario Engineering Students Win Big in Minerva Canada James Ham Safe Design Award

Toronto (April, 2014) – Minerva Canada Safety Management Education Inc. has announced the winners of its 2014 James Ham Safe Design Award Competition. Canadian university engineering students were challenged to make an original contribution toward integrating safety into engineering design.

The team of Josh Cornelius, Stephanie Savoie, Azmil Ridzuan and Famyah Mahmud, engineering undergraduate students at McMaster University, took the top prize for introducing a Forklift Visual Safety Device to address forklift collisions with workplace employees and contractors by making them more aware of the presence of forklifts in the workplace. Larissa Rodo, an engineering undergraduate student at the University of Toronto, took second prize by developing a series of self-assessment tools to enhance health and safety standards in university and college laboratories based on a review of lessons learned from 86 laboratory incidents in academia. The winning team will be awarded the first prize of \$3,500 while the runner-up winner will receive \$1,500. Elizabeth Mills, CEO of Workplace Safety & Prevention Services and Minerva Canada President and CEO Tony Pasteris will present the awards at the WSPS Partners in Prevention Conference in Mississauga, Ontario on April 30, 2014. Minerva Canada also wishes to recognize the submission made by Kevin Black and Jason Pumfrey from Western University in introducing reactor modifications that would reduce downtime and the potential for employee, contractor injuries. Congratulations to all of the above students.

The award honours James Milton Ham whose Royal Commission Report on Health and Safety led to the creation of Ontario's Occupational Health and Safety Act in 1979 and to the adoption of the Internal Responsibility System in Ontario workplaces. James Ham trained as an engineer with a secondary field of study in sociology; his writings emphasized 'society and human needs'. He was awarded the Order of Canada in 1980 and died in 1997.

Minerva Canada's James Ham Safe Design Awards:

- Encourage students and engineering faculty members to integrate safety into all designs.
- Produce safer designs of devices, processes and systems.
- Raise awareness of Process Safety Management (PSM) and Safety, Health and Environment (SHE) in engineering schools.

Through the Minerva Awards program, students and faculty members in Canadian engineering schools are being challenged to:

- Suggest ways to improve the existing design of devices, processes or systems.
- Envision new, innovative designs that will eliminate or reduce potential hazards.
- Create tools to help manufacturers and workplaces integrate safety into new or retrofit designs.

Minerva Canada Safety Management Education Inc.

Minerva Canada is a not-for-profit organization dedicated to promoting the teaching of Safety, Health and Environmental (SHE) Management in post secondary schools across Canada. It targets the educators of tomorrow's leaders by encouraging colleges and universities to embed SHE management education into the core curricula of business and engineering programs. Research has repeatedly shown that effective, productive and profitable companies have a CEO and senior management team who understand the benefits of SHE management systems and processes and are committed to them. SHE management education is a fundamental cornerstone of an effective corporate culture. Minerva consists of volunteers from industry, government, academia and safety associations.

Key sponsors include the Ontario Ministry of Labour, the Ontario Workplace Safety and Prevention Services, Imperial Oil Limited, General Motors of Canada, Du Pont Canada, Nova Chemicals, Bruce Power, Shell Canada, CF Industries, BASF, Chemtrade Logistics, Lanxess, Erco Worldwide, H.L.Blachford, Canada Post, Trimac, the Board of Canadian Registered Safety Professionals, the Chemistry Industry Association of Canada, Mitacs, Mirarco and the Canadian Society of Safety Engineering.

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