



Mining with a Future

CEMI strives to become an internationally recognized centre for excellence in mining innovation

CEMI offers support for innovation and research projects evolving from Industry, Research Providers, and Small-Medium Enterprises



CEMI will offer exciting high value career opportunities in the North

Opportunities for Research/Collaboration at WWW.MININGEXCELLENCE.CA

CEMI: Building for Excellence

By Shannon Katary

The Centre for Excellence in Mining Innovation (CEMI) is a research initiative, funded by the private sector and the Ontario government.

Established in 2007 as a not-for-profit corporation, CEMI is well-positioned to become one of the world's leading mining research centres.

CEMI, situated on the Laurentian University campus, capitalizes on the vast mining related infrastructure in Northern Ontario (both physical and knowledge-based).

It is mandated to develop research excellence in five areas: exploration, deep mining, integrated mine process engineering, automation and mining informatics, and materials and environmental research.

Recognizing that achieving research excellence depends on tapping into the brightest engineers and scientists, CEMI plans to reach past provincial and national boundaries to assemble world-class solutions teams.

CEMI has funded \$1.25 million in a series of start-up research projects to accelerate the development of highly qualified personnel through LU's graduate programs. It has also committed \$1 million to fund an Industrial Research Chair in Exploration Geophysics.

CEMI plans to solicit new partners from industry, consultants, and contractors.

Local



Strength

Without a highly skilled progressive workforce, industries such as our local mining sector would not function effectively. Well organized labour allows our community to collectively prosper together.

Under one strong democratic voice, United Steelworkers works hard by helping members earn better wages, improved pensions and benefits and by leading the way in health and safety advancements.

With nearly 5,000 active and 15,000 retired members in Greater Sudbury, Local 6500 and Local 2020 of The United Steelworkers also add strength and stability to our community through charitable partnerships and volunteer organizations.

**United Steelworkers Local 6500 and Local 2020.
There is local strength in our numbers.**



Local 6500 675-3381 • 92 Frood Rd • Local 2020 675-2461

TALKING MINING



During the Prospectors and Developers Association of Canada (PDAC) International Convention, Tuesday, March 4, CEMI facilitated a Mining Innovation Strategy Forum with representatives from industry, government, and academia. The forum provided a venue to identify priority projects with a high potential for

success, projects that fill a gap, allow Canadian researchers to excel, and thus attract wide support. The distinguished panel of speakers included Warren Holmes, co-chair of the Ontario Mineral Industry Cluster Council (OMICC); Christine Kaszycki, ADM of MNDM; Stephen Lucas, ADM of NRCAN; Dawson Proudfoot, senior mines engineer, Xstrata

Nickel; John Thompson, VP technology and development, Teck Cominco; Peter Kaiser, president/CEO of CEMI; and Parviz Farsangi, COO, Vale Inco. Panel members addressed the need for R&D excellence in mining, as well as challenges and opportunities for CEMI to lead development of unique innovation and research programs or projects.

Can you dig it?

Lockerby Composite Grade 11 students Jordan Gladu, Lexxi Clement, Danielle Bowerman and Emily McGuire with Fred Stanford, president Vale Inco (left), and Dave Pearson of Science North celebrate the mining company's gift of \$100,000 for educational program developments at Science North and Dynamic Earth.

Other private sector contributors include FNX Mining \$30,000; JP Bickell Foundation, \$25,000; HLS Hard Line Solutions, \$25,000; and Mining Technologies International, \$25,000.

