

## 2017 Fourth Quarter Highlights

The IMII is pleased to provide the following highlights from the fall of 2017 and a brief look ahead to 2018.

### Project Highlights

- ◆ In December, seven students graduated from the Electrical Applied Certificate Program at Cumberland College's Nipawin campus. For the year, 24 students, including four women and eight Indigenous people, enrolled in the two IMII supported programs at Cumberland College

#### *Did You Know*

*IMII's mining-related education & training projects have seen 274 students enrolled, including 53 women and 139 Indigenous people, since 2012*

- ◆ All laboratory and field testing has been successfully completed on the Rebar Shear Project, and the preliminary results, including those associated with the fibre-optic instrumented rock bolts – a first for the Saskatchewan minerals industry, presented to participating industry members
- ◆ The Corrosion Inhibitors Project, one of four under the Mining Materials Research Cluster, welcomed a second Master student onto the project and identified a new batch of potential corrosion inhibitors for testing
- ◆ The Stress Corrosion Cracking Project, also one of four under the Mining Materials Research Cluster, hired a research assistant and completed installation of their stress corrosion testing facilities and equipment
- ◆ The Concrete Corrosion Project's successful development of new methods, involving the Canadian Light Source, to image steel surfaces of coated rebar without removing the coating, has allowed them to identify, assess and compare alternatives to current commercially available products used by the potash industry
- ◆ The Slurry Erosion Corrosion Project, the fourth under the Mining Materials Research Cluster, demonstrated ways to optimize the erosion-corrosion flow loop tests, allowing for more tests to be completed and the life of the flow loop to be extended



#### *Did You Know*

*IMII's research & development projects have seen 24 graduate students and post-doctoral fellows hired or trained since 2012*

### ***“Innovations that Matter to Mining”***

## IMII News

- ◆ On October 4<sup>th</sup>, Opening New Doors: IMII’s Diversity & Inclusion Challenge Program was featured in an article in the Canadian Mining Magazine
- ◆ On October 16<sup>th</sup>, IMII recognized that a key benchmark had been achieved with 50 students being enrolled in Mining Engineering Options at the University of Saskatchewan
- ◆ On November 16<sup>th</sup>, in an article titled “Closing the gap,” IMII’s Diversity & Inclusion Challenge Program was again featured, this time in a special edition of The Leader Post and The Star Phoenix
- ◆ On November 29<sup>th</sup>, the submission of a full application for a clean resources supercluster as part of the Federal Government’s Innovation Superclusters Initiative, was announced on behalf of the mining and minerals industry – the application was prepared by CMIC, CEMI, MIMRE, COREM, MSTA and IMII
- ◆ On December 6<sup>th</sup>, the IMII announced a new awards program that recognizes outstanding innovations of benefit to the Saskatchewan minerals industry – the Best Prototype Award will be awarded for the first time on the evening of the 10<sup>th</sup> Annual Saskatchewan Mining Supply Chain Forum in April 2018 in Saskatoon, and the winner will be selected from among technologies submitted by Saskatchewan companies

- ◆ On December 14<sup>th</sup>, IMII’s Board of Directors approved five new education & training projects and three new research & development projects, bringing 2017’s project development process to a positive conclusion



## 2018 First Quarter Outlook

- ◆ Cumberland College will start a new Industrial Mechanics Applied Certificate program in February with ten students expected
- ◆ The Corrosion Inhibitors Project will begin testing the new batch of potential corrosion inhibitors for the potash industry
- ◆ The new projects approved by IMII’s Board of Directors in December 2017 will kick-off

For more information on these projects and activities, including IMII’s first ever DEMOday, we invite you to contact us at (306) 668-2070 or visit our website at [www.imii.ca](http://www.imii.ca).

***“Innovations that Matter to Mining”***

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