

# Vancouver Island News Group

## Top math students to solve challenge

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Some of the world's top math students are helping a Nanaimo company solve a research challenge.

Thirty undergraduate math students from Canada, the U.S., Hong Kong, China, Germany and Mexico are spending four weeks at Simon Fraser University in Burnaby in the Industrial Math Summer School.

The summer school directs students to look at developing solutions to real- life issues being experienced by Canadian companies, from developing new tools to detect explosive devices in conflict areas to modelling energy consumption of high-rise buildings to improve efficiencies.

Nanaimo's Kintama Research Corp. has submitted one of the research challenges some of the students will be working on.

One student team will investigate ways to improve the company's underwater marine sensors for use in the Pacific Ocean Shelf Tracking Project, which seeks to track the movements and survival of marine animals along the West Coast.

The workshop is organized by MITACS, a national math research network hosted by SFU that focuses on mathematical solutions in five of the economy's fastest growing sectors: biomedical and health, environment and natural resources, information processing, risk and finance and communication, networks and security.

For more information about MITACS, please go to [www.mitacs.ca](http://www.mitacs.ca).

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