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## **Royal Military College joins ORION and plugs in to global research**

KINGSTON – The Royal Military College of Canada (RMC), one of Canada’s most active research institutions, is the latest organization to join the Ontario Research and Innovation Optical Network (ORION) – an ultra high-speed fibre optic network that connects students, researchers and educators across Ontario to partners and colleagues throughout Canada and the world.

“Due to the ever increasing research activities taking place at RMC, it is essential to have the possibility to collaborate in a competitive manner and this means among other things to have access to a network like ORION,” said Dr. B.J. Fugère, Vice-Principal, Research and Dean of Graduate Studies and Research.

Situated in Kingston, Ontario, RMC connects to ORION at its connection point at Queen’s University. The institution is an affiliate member of the Council of Ontario Universities. There are approximately 1,000 officer cadets enrolled as undergraduate students, 295 full-time graduate students, plus another 400 part-time graduate students. RMC’s research activity ranges from space-time processing for wireless communications to satellite imagery and GIS analysis.

RMC was also one of the first participants in the High-Performance Computing Virtual Laboratory (HPCVL) based at Queen’s University. RMC researchers use high-performance computing, for instance, to forecast interactions between the atmosphere and the oceans.

“We are pleased to see the Royal Military College connect to the network,” said ORION President/CEO, Phil Baker. “It will open up more opportunities for RMC for collaboration with researchers at other institutions, driving Ontario’s and Canada’s innovation agendas.”

### About Royal Military College

The College opened its doors in 1876 after being established by Parliament “for the purpose of providing a complete education in all branches of military tactics, fortification, engineering, and general scientific knowledge in subjects connected with and necessary to thorough knowledge of the military profession.” RMC confers undergraduate and graduate degrees in the arts, science and engineering, with programs offered in both official languages.

### About ORION

The Ontario Research and Innovation Optical Network (ORION), a not-for-profit organization, is Ontario’s ultra high-speed research and education network which connects all of Ontario’s universities, most colleges, several medical and other public research facilities and a growing number of school boards to one another and to the global grid of research and education networks. Stretching 5,800 kilometres over 21 communities throughout Ontario, ORION connects over one million Ontario researchers, scientists, students, teachers and staff to critical infrastructure for research, education and innovation. Visit [www.orion.on.ca](http://www.orion.on.ca).

- 30 -

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