As part of the new Sentinel North initiative at Laval University in Québec City, three graduate student positions are open in the following areas:

1. PhD: Autonomous sensor arrays
2. PhD: Enabling tools for the monitoring of food quality in the Northern environment.
3. Master’s: Microbiomes for Arctic ecosystem health.

Positions are related to the Sentinel North initiative (Themes One and Three), which is broadly tasked with providing knowledge to monitor and prepare for changes in Northern environments at scales ranging from microbiota to entire ecosystems. Bureaucratic program overview.

Positions are funded ($18,000/yr, PhD. $15,000/yr Master’s).

Candidates should have formal background in chemistry, physics, biology or engineering. Desire to heal the planet a must. Students will excel in a multidisciplinary environment. All projects involve microfluidics, analytical sciences. Nanoscience, microbiology, materials science and advanced sensor development are widely applicable. Other project also available.

For more information contact Professor Jesse Greener by email.

Collaborators:

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