



## NBTA High School Council Science Institute

**Dates:** April 6 and 7, 2019 (Saturday, Sunday)

**Location:** Riverview High School, 400 Whitepine Rd, Riverview

**Target Audience:** Science teachers of all levels. Although the focus is on the environment the topics and ideas could be integrated into a number of different science classes.

**Lodging:** \$100 per participant for help with covering cost of hotel room on Saturday night. Participants MUST attend both sessions and provide hotel receipts. If they share a room they only get one \$100 check to share. Locals will not receive any money.

**Contact:** Interested teachers should contact [alice.walker@nbed.nb.ca](mailto:alice.walker@nbed.nb.ca) for information and to register for the sessions.

**Program:** Saturday April 6

9:00 am – 1:00 pm – Presentation by **The Gaia Project** out of Fredericton on Climate Change and energy use. They will provide information as well as practical ideas and resources for teachers on a more hands on approach to teaching Environmental Science and other sciences focusing on inquiry-based learning. They have programs available for all teaching levels and are also very willing to come into schools to work with students and teachers on problem-based projects. They also sometimes provide funding and will help set up partnerships with community groups.

1:00 – 2:00 – lunch provided to participants and presenters on site.

2:00 – 4:00 – Presentation by the Perimeter Institute of Theoretical Physics out of Ontario. They have offered professional learning and workshops to teachers across Canada and internationally. Although they often focus on physics their concentration for our institute will be the Scientific Process and climate change. They also offer hands-on and critical thinking skills however their focus is slightly different from The Gaia Project as they concentrate more on the “science” behind climate change and interpretation of data.

Sunday April 7

9:00 am – noon – Continuation of presentation by Perimeter Institute.