

Thank you for supporting the Advances in Earth Sciences Research Conference (AESRC) 2019!



The 18th annual Advances in Earth Sciences Research Conference (AESRC) took place from March 29-31, 2019 at the University of Toronto. A total of **64 attendees** registered for the conference, which included student delegates, faculty, sponsor representatives, and keynote speakers. Registration included access to conference events, including the meet-n-greet, CSEGF Challenge Bowl, and the conference dinner. Registrants were provided with coffee breaks, lunches, and a delegate package that included an bag, conference program, and sponsor information.

Conference Highlights:

A. Technical Sessions

Session 1: Quaternary Science

Sponsor: Canadian Quaternary Association

Session 3: Geophysics

Sponsors: Canadian Geophysical Union

Canadian Society of Exploration Geophysicists

Session 5: Environmental Geosciences

Sponsor: Isomass Scientific Inc.

Session 7: Paleontology

Session 2: Sedimentary Geology

Sponsors: Imperial

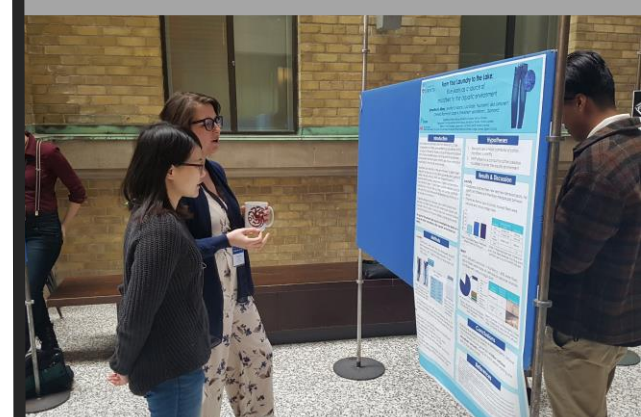
Canadian Society of Petroleum Geologists

Session 4: Planetary Science

Session 6: Economic and Igneous and Metamorphic Geology

Sponsor: Society of Economic Geologists

Prospectors and Developers Association of Canada



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B. Keynote Speakers

Dr. Lilian Navarro (University of Ottawa – Sedimentary Geology)

Neoproterozoic deep-marine phosphatic deposits in southern Canadian Cordillera: Phosphogenesis and paleoceanography

Dr. Semechah Lui (University of Toronto – Geophysics)

The effect of aseismic slip on the source processes of induced seismicity: Advancing or delaying the next earthquake?

Dr. Melissa Anderson (University of Toronto – Economic Geology)

The search for seafloor hydrothermal vents: Where tectonics, volcanism, and biology meet

Dr. Marc Laflamme (University of Toronto - Paleontology)

Complexity in the oldest animal communities

C. Award Winners

Best Student Presentation (\$200; Sponsor: Lalonde AMS): **Timothy Roy**

Best Student Presentation (\$200; Sponsor: Imperial): **Tanya Kizovski**

Runner-Up Best Student Presentation (\$100; Sponsor: Imperial): **Sian Ford**

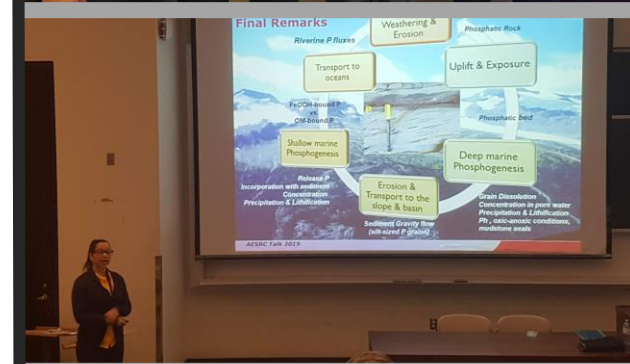
Runner-Up Best Student Presentation (\$100; Sponsor: Canadian Geophysical Union): **Chimira Andres**

Best Posters (\$100; Sponsors: Imperial and Isomass Scientific Inc.): **Jenny Lemberg, Samantha Athey, Nikol Posnov**

Best Sedimentary Geology Presentation (\$500; Sponsor: Canadian Society of Petroleum Geologists): **Max Chipman**

Best Geophysics Talk (\$100; Sponsor: Canadian Society of Exploration Geophysicists): **Sean Langemeyer**

CSEGF Challenge Bowl Winners (\$100): **Max Chipman and Katie Maloney**



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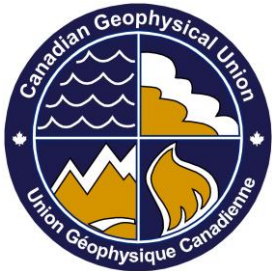


D. Our Sponsors

Platinum



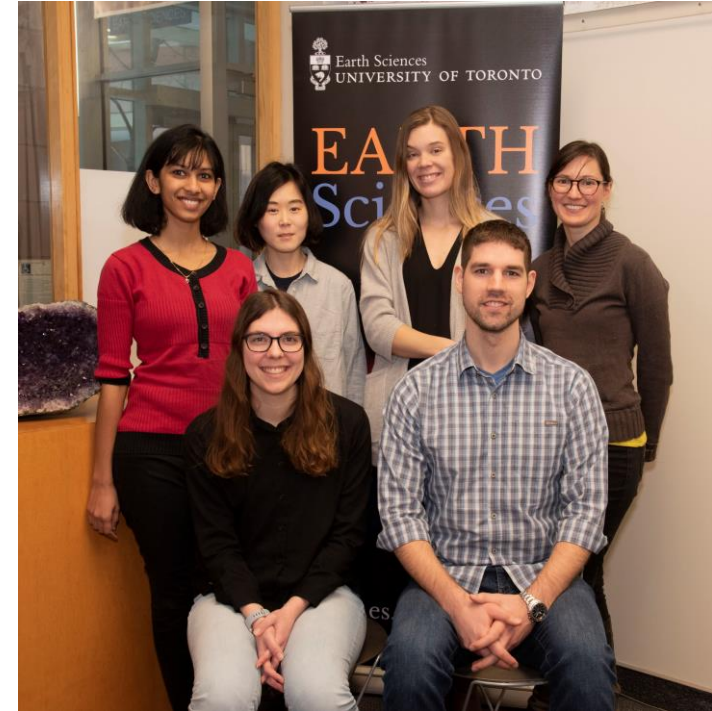
Gold



Silver



Bronze



On behalf of the AESRC 2019 Organizing Committee, we thank you for your support of this conference and student research!