
SEDS-ÉEDS (SEDS-Canada) and the Canadian Space Agency (CSA) select two teams for CAN-SBX 2021.

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Toronto, ON: Students for the Exploration and Development of Space (SEDS-Canada) has selected two finalist teams for the 2020-21 [Canadian Stratospheric Balloon Experiment \(CAN-SBX\)](#) Design Challenge. CAN-SBX is a competition for Canadian post-secondary students to design and test a scientific payload to fly on-board a stratospheric balloon provided by the [Canadian Space Agency](#) (CSA).

The 2020-21 CAN-SBX Design Challenge is an extension of the 2019-20 launch campaign that was delayed due to the COVID-19 pandemic. Student payloads will be flying on board a brand new CSA expandable balloon platform that will reach up to 30 km into the stratosphere!

The CAN-SBX 2021 selected teams are:

- The **PolyOrbite** team from **Polytechnique Montréal** will be testing a novel optical multi-gas sensor (“optical nose”) for atmospheric gas sensing, as well as validating the operations of a plant incubator intended to fly on-board a 3U cubesat. *Point of Contact:* [Ioana Bruj](#)
- The Queen’s Space Engineering Team **HORIZON** project from **Queen’s University** is demonstrating a low-cost and lightweight attitude determination system using commercial off-the-shelf cameras to image Earth’s horizon during flight. *Point of Contact:* [Kate Szabo](#)

These teams will be joining the Western UBT and McMaster NEUDOSE teams selected in 2019. The goal of CAN-SBX 2019-21 is for students to gain enough experience to lead balloon launches from their home institutions. Teams will be able to attend the launch campaign and participate in the launch, operations, and recovery of their experiments!

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About SEDS-Canada

SEDS-Canada is a national student-run non-profit committed to supporting and empowering students interested in space, advancing the Canadian space sector, and advocating for peaceful exploration and development of space.

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CAN-SBX Media Contacts:

Kristen Cote
Projects Chair
kristen.cote@seds.ca
+1 (780) 233-9335

James Xie
CAN-SBX Project Manager
james.xie@seds.ca
+1 (613) 217-8064