
SEDS-ÉEDS (SEDS-Canada), National Research Council of Canada (NRC) and the Canadian Space Agency (CSA) select one team for CAN-RGX 2021.

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Toronto, ON: Students for the Exploration and Development of Space (SEDS-Canada) has selected one finalist team for the 2020-21 [Canadian Reduced Gravity Experiment \(CAN-RGX\)](#) Design Challenge. CAN-RGX is a competition for Canadian post-secondary students to design and test a scientific payload in microgravity on-board the [National Research Council of Canada Aerospace Research Centre's](#) Falcon 20 flying laboratory aircraft.

The 2020-21 CAN-RGX Design Challenge is an extension of the 2019-20 launch campaign that was delayed due to the COVID-19 pandemic. The new team will be joining the four teams selected in 2019 in Ottawa, ON, for the flight campaign that has tentatively been delayed to summer 2021.

The CAN-RGX 2021 selected team is:

- The **TelOmG** team from the **University of Toronto**, who will be researching the effects of microgravity on telomeres. Drawing on research conducted in a NASA twin study on the International Space Station, this team will use the NRC's flight research lab to isolate microgravity as a factor affecting the length of telomeres. *Point of Contact:* [Erin Richardson](#)

The CAN-RGX student design challenge seeks to create tangible student-led impact in space exploration and development. This is a unique opportunity for students to develop skills in STEM, experience parabolic flight, and conduct research in an environment that is unparalleled here on Earth!

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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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