



Top Row: Sophia Khoury (Bronze), Ethan Breit (Bronze), Rose Moosavian ; Middle Row: Abby Mattina (Silver); Kiera Hui (Silver), Mark Schawill, Adam Bizios
Front: Manning Whitby (Gold - Platinum)

Toronto Science Fair Participation in the Canada Wide Science Fair 2019 in Fredericton, New Brunswick - May 11-18, 2019

The Toronto Science Fair is pleased to report that Team Toronto had a very good experience at the Canada Wide Science Fair 2019. Eight students from Grades 8 – 12, representing 7 projects, were chosen from among Gold Medal winners at the Toronto Science Fair 2019.

All of the CWSF finalists participated very well throughout the week and had opportunities to meet other science students from all across Canada. Students lived in residence at the University of New Brunswick, toured the Bay of Fundy area, explained their projects to the judges and thousands of local students and other members of the public, explored science labs at the university and a STEM expo, enjoyed a banquet, a dance and other social gatherings. A surprise fireworks display captured the spirit of exhilaration which came from participating in this tremendous week-long event.

The eight students from Toronto presented seven projects and the team was very pleased when five of the projects won Excellence Awards – two

Bronze, two Silver and one Gold. Our Gold Medal winner, Manning Whitby, was also declared the Best Senior Project and was given one of three Platinum Awards, the top prizes in the fair. He also received a number of other awards which are listed below.

Information about the students, their topics and their results is given on the following page.

Team Toronto 2019 - Canada Wide Science Fair and Winners' List -

1. Manning Whitby, Grade 12, Danforth Collegiate & Technical Institute "An Interpretation of Life Through Vibration Motors."
CWSF Awards:
 - Platinum Award – Best Senior Project
 - Gold Medal – Senior Division
 - Ted Rogers Innovation Award -Participation in week long Entrepreneur Bootcamp in August 2019
 - Senior Challenge Award: Innovation
 - Youth Can Innovate Senior Award
 - Participation Award – in European Union Contest for Young Scientists – Sofia Bulgaria, September 2019.
2. Ethan Breit, Grade 10, Western Technical Commercial School, "Performant GPU Pathtracing", CWSF Award – Bronze Medal – Intermediate Division
3. Mark Schawill, Grade 10, Hudson College "My Plants"
4. Abigail Mattina, Grade 9, Bloor Collegiate Institute "Time to Switch to Switchgrass for Bedding" – CWSF Award: Silver Medal – Intermediate Division
5. Rose Moosavian and Adam Bizios, Grade 8, Windfields Public School, "Can the Human Body Produce Electricity"
6. Sophia Khoury, Grade 8, La Citadelle, "Hand Sanitizer and the Elimination of Home and School-acquired Bacteria", CWSF Award: Bronze Medal – Junior Division
7. Kiera Hui, Grade 8, Bayview Glen School, "Can Cotton textiles be used to clean up oil spills", CWSF Award: Silver Medal – Junior Division –

Participation in European Union Contest for Young Scientists

As part of his Platinum Award, Manning Whitby was given an opportunity to participate in the European Union Contest for Young Scientists which was held in Sofia, Bulgaria in September 2019.

Manning won a special award sponsored by the EuroForum. He was awarded a one week stay at a research lab – EuroFusion – JET (Joint European Torus – the world's largest operational magnetically confined plasma physics experiment) in Culham, United Kingdom.