

Team Canada heading to EUCYS 2017

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Featured Image:



Canada will be represented at the 2017 edition of the European Union Contest for Young Scientists [1] (EUCYS) by three Canada-Wide Science Fair (CWSF) Platinum Award winners; Colette Benko and Crystal Radinski of Calgary, Alberta. and Danish Mahmood of London, Ontario will participate in the event in Tallinn, Estonia, September 22-27.

Together, with host organizers the Estonian Research Council and the Estonian Ministry of Education and Research, the European Commission is preparing to welcome the top young scientists from 41 countries [2] to Tallinn. Participating countries include 24 European Union countries, 10 associated countries and 7 guest countries including Canada.

Canada has participated in EUCYS since 2008, winning 5 prizes during these 8 contests. Kayley Ting, from Richmond Hill, Ontario, Canada's most recent EUCYS winner, took home the Second Prize for her project: *Analysis of Electrodermal Activity to Quantify Stress Levels in Autism*, in Brussels, in 2016. Canada also had winners at 2008, 2012, 2013 and 2014 contests.

Reni Barlow, Executive Director with Youth Science Canada is thrilled that the three Grand Award winners from CWSF 2017 will be representing Canada at EUCYS. "These three young Canadian scientists will represent our country on the global stage with innovative, intelligent and inspiring projects," said Barlow.

Colette Benko, a grade 11 student from Calgary, Alberta, was the Senior Platinum and Best in Fair recipient at the 2017 CWSF, in Regina. She will present her project: *Novel Pediatric Cancer Therapy: Targeting Epigenetics to Induce Differentiation* which identified a new use for an existing drug to effectively treat Neuroblastoma. Her research and findings have the possibility to lead to a more targeted and safe approach to chemotherapy.

Crystal Radinski, the Intermediate Platinum Award winner, a grade 10 student also from Calgary, will present her project: *EEG Coherence as a Marker for Alzheimer's Dementia*. This project compared the brain waves of healthy people to those of Alzheimer patients to find better diagnostic procedures using an existing technology (EEG). This has the potential to lead to more accurate diagnoses of Alzheimer's disease.

Danish Mahmood, a grade 8 student from London, Ontario, CWSF 2017 Junior Platinum Award winner, will present his project: *W.I.N.I.T.S. (Wireless Interconnected Non-Invasive Triage System)* at EUCYS. Danish developed a low-cost system to measure and communicate vital signs wirelessly, simplifying the process of monitoring patients. His innovation has the potential to aid first

responders and hospitals during mass casualty incidents, streamlining patient reassessment.

Source URL: <https://cwsf.youthscience.ca/news/team-canada-heading-eucys-2017>

Links

[1] <https://eucys2017.eu/eucys2017/>

[2] <https://eucys2017.eu/about/national-organizers/>