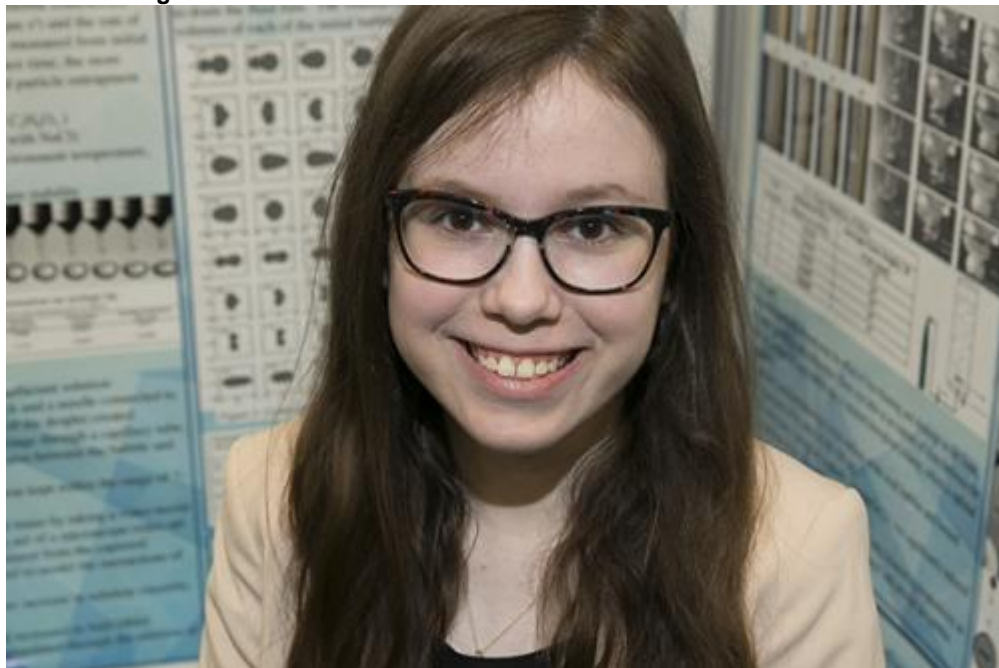


## Nicole Schmidt selected for 2017 Stockholm Junior Water Prize Competition

Fri, 2017-06-09 14:33 -- Reni Barlow

### Featured Image:



Nicole Schmidt from Sir Winston Churchill High School in Calgary, Alberta has been selected as winner of the Canadian Stockholm Junior Water Prize. She will represent Canada in the 2017 Stockholm Junior Water Prize competition during World Water Week from August 27 to September 1 in Stockholm, Sweden.

In her project, *Optimizing Fluid Flow Systems*, Schmidt developed a method to create and stabilize bulk bubble foam, which was used to successfully separate ultrafine heavy metal particles dispersed in industrial processing water and groundwater.

The international Stockholm Junior Water Prize competition brings together the world's brightest young scientists to encourage their continued interest in water and the environment.

Canadian students have performed well at the prestigious international competition, which started in 1997:

- In 2014, Hayley Todesco of Calgary won for inventing a method that uses sand filters to treat oil contaminated water and recover water for reuse.
- In 2010, Alexandre Allard and Danny Luong of Québec City, won for their research on the use of readily-available bacteria to degrade polystyrene and decontaminate polystyrene-contaminated water.

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