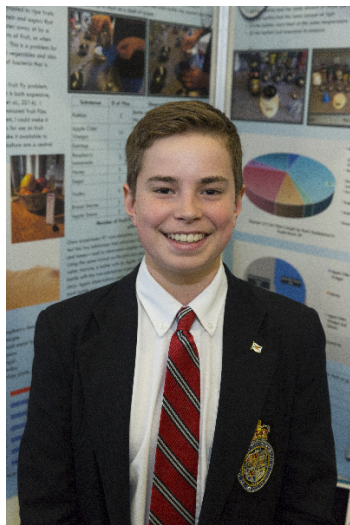


# CWSF 2018 - Ottawa, Ontario



## William Ahern

### Fruit Flies Away

**Challenge:** Innovation

**Category:** Junior

**Region:** Annapolis Valley

**City:** Wolfville, NS

**School:** King's-Edgehill School

**Abstract:** My project was designed to develop a low cost, environmentally friendly, and effective product to eliminate fruit flies. Fruit flies can carry disease and can cause economic hardship to growers of fruits and vegetables. My experiments showed that a solution combining apple cider vinegar and honey produced the most effective fruit fly eliminator.

### Biography

I am Grade 8 student at King's Edgehill School in Nova Scotia. When I am not developing new products for science fair, I enjoy playing basketball, soccer, and badminton. I play the organ and the piano, and I am currently working toward my Grade 9 RCM exam. This fall I joined my school's school debate team and I am representing my province at the Junior Debating Nationals in Calgary this spring. I am excited about going to university and I am hoping to find a career that combines my interests in business, science, and law. I was inspired to invent my fruit fly eliminator by watching family members constantly swatting the fruit flies that appeared out of nowhere in our house every spring. This project has helped me create a solution to the problem of fruit flies at home. In the future I hope to scale up my research and make my product available to commercial fruit and vegetables growers as a safe alternative to insecticides. For all the students thinking about a project, I would say that it is important to start early, to feel passionate about your project, and to realize that it is an excellent educational experience.

### Awards

### Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000