



## Winners of the 4-H Canada Science Fair Revealed

**Ottawa, Ontario – March 5, 2019** – 4-H Canada is proud to announce the winners of the fourth annual [4-H Canada Science Fair](#) which took place from February 27 to March 3, 2019 at Dalhousie's Agricultural Campus in Truro, Nova Scotia.

As part of the in-person round of the Science Fair, 16 talented 4-H members, in grades 7 to 12, showcased their projects in front of a panel of judges. These projects reflect months of hard work designing, polishing and presenting their own science and technology projects, touching on a wide range of subjects such as UV light affecting plant growth, bovine pneumonia, flax waste as an energy supply and seaweed as an antifungal application.

Interest in STEM programs, projects and resources continues to grow across 4-H, demonstrating the relevance and value of 4-H Canada's Science & Technology Leadership Development Pillar. The 4-H Canada Science Fair represents just one program within this pillar made possible through the generous support of pillar partner Bayer Canada, as well as funding from the Natural Sciences and Engineering Research Council of Canada (NSREC). This event serves not only as an opportunity for 4-H youth to explore their curiosity and passion in the area of STEM, but also take part in hands-on programming, as a way to engage their creativity, research, communication and inquiry skills, while exchanging with fellow finalists.

"Congratulations to all the winners and finalists! It's been an unparalleled occasion for 4-H'ers to participate in a national-level contest and challenge themselves in creating a project," said Shannon Benner, 4-H Canada CEO. "We are incredibly thankful to our partner Bayer Canada and to Engineering Research Council of Canada (NSREC) for investing in responsible, caring and contributing youth leaders who are committed to positively impacting their communities through innovations in STEM."

The five winners will advance to the [Canada-Wide Science Fair](#) in Fredericton, New Brunswick, from May 15 to 17, 2019, where they will compete with 500 other bright young minds from across Canada for top prizes and nearly \$1,000,000 in scholarships.

### **The 2019 4-H Canada Science Fair winners are:**

**Liam C., Alberta**

Horse Power: Turning Manure into Power for Small Acreage Owners Using a Biodigester

**Ruby K., Saskatchewan**

Bacteria Counts in Sauerkraut

**Hashim F., Manitoba**

Kinētikos Phone Case

**Megan D. and Avery N., Prince Edward Island**

*Ulva Lactuca*: Subcritical Water & Supercritical Fluid Extractions



The 4-H Canada Science Fair was also the occasion to award the new Ted Rogers Innovation Award to Jessa F., from Saskatchewan, for her project on flax crop waste being repurposed as an energy source. This award is offered through Youth Science Canada at regional science fairs to participants who show their entrepreneurial spirit by developing a project that demonstrates commercial potential.

"It's inspiring to see the positive results from months of preparation, research and experimentation that 4-Hers have achieved," said Al Driver, Country Division Head, Bayer Crop Science Canada. "Congratulations to all of the winners and finalists, and to every 4-Her that submitted a project. Continue to pursue your passion in STEM, attempt the impossible, and continue to be curious about the world around you."

The 4-H Canada Science Fair is part of 4-H Canada's ongoing commitment to furthering science and technology skills and knowledge development for youth through 4-H programming. Together, 4-H Canada and Bayer are working to offer experiential learning opportunities, engage youth in their community, create global citizens and build leaders of today.

To see the full list of this year's participants, visit [4-h-canada.ca/sciencefair/2019](http://4-h-canada.ca/sciencefair/2019). For more information on the 4-H Canada Science Fair, visit [4-h-canada.ca/sciencefair](http://4-h-canada.ca/sciencefair).

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### **About 4-H Canada**

For over 100 years, 4-H Canada has been one of the most highly respected positive youth development organizations in Canada. 4-H Canada has close to 25,000 members and more than 7,700 volunteer leaders. Our goal is to help young Canadians "Learn To Do By Doing" in a safe, inclusive and fun environment. We believe in nurturing responsible, caring and contributing youth leaders who are committed to positively impacting their communities across Canada and around the world. To learn more about 4-H Canada, please visit [4-h-canada.ca](http://4-h-canada.ca) and follow our [Facebook](#), [Twitter](#) and [Instagram](#) pages.

### **About Bayer**

Bayer is a global enterprise with core competencies in the life science fields of health care and nutrition. Its products and services are designed to benefit people by supporting efforts to overcome the major challenges presented by a growing and aging global population. At the same time, the Group aims to increase its earning power and create value through innovation and growth. Bayer is committed to the principles of sustainable development, and the Bayer brand stands for trust, reliability and quality throughout the world. In fiscal 2018, the Group employed around 117,000 people and had sales of 39.6 billion euros. Capital expenditures amounted to 2.6 billion euros, R&D expenses to 5.2 billion euros. For more information, go to [www.bayer.com](http://www.bayer.com).



## News Release

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