



NORTH BAY REGIONAL SCIENCE FAIR

North Bay Regional Science Fair - Expo Sciences Régionale de North Bay
P.O. Box 24007, 66 Josephine St., North Bay, Ontario P1B 0C7

At Canada Wide Science Fair...

Chloe Carriere and **Caitlin Howard** of St. Joseph-Scollard Hall won a Bronze medal in the senior Excellence Awards category for their project "Effect of Stinging Nettle on the Alzheimer's Profile in *Drosophila Melanogaster*".

At the NBRFSF Chloe and Caitlin won the TransCanada Award, the University of Ottawa scholarship, the Rotary Club of North Bay Senior Community Impact Award, and a gold medal in the Senior Life Science category for their project.

At the NBRFSF, **Caleb Charette** and **Riley Geisler** of West Ferris Secondary



Team North Bay 2017: Jacob Galema, Riley Geisler, Caitlin Howard, Chloe Carriere, and Caleb Charette.

School won the Shulman Travel Award, the Lalonde Family Award in Biology and Medicine, and a gold medal in the Intermediate Biotechnology category for their project "The Study of Genetic Disease Treatment Using CRISPR Proteins."

At the NBRFSF, **Jacob Galema** of Widdifield Secondary School won the Rotary Club of North Bay Award of Excellence, the Kumon Math and Reading Center Award, the Dr. Jean Marc Filion Environment Award, and a gold medal in the Intermediate Earth and Environmental Sciences category for his project "An Antacid for the Soil?"

CWSF Regina 2017

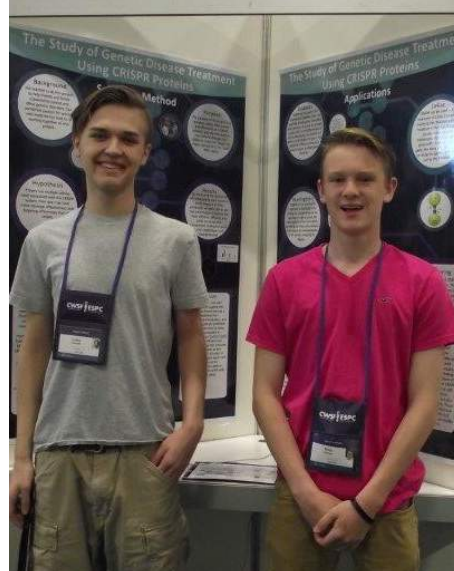
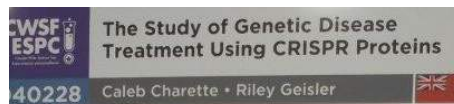
By Caleb Charette

From May 14th-21st, 2017, I was lucky enough to attend my second Canada-Wide Science Fair in Regina, Saskatchewan. The experience was very different from last year in Montreal, but equally as much fun. It was still quite shocking to hear our project called out again at the regional fair awards ceremony to hear we would be going to CWSF for a second time.

While the experiences were drastically different, I still am not used to waking up at 3am and travelling to the airport. However this time it was a significantly longer flight. It was so different flying to Regina, once we'd entered the province, you could look down and it was all just flat; I had figured it was just from being so high up. Once we gathered our luggage we were once again greeted by Team UV where they took us outside and I got my first true look of Regina. I was astonished by how truly flat everything was, it was all level except for the occasional tree or two.

As time kept going on I had begun communicating with other finalists, and I actually ran into a few friends from last

Continued on pg 3 "2017"



Caleb Charette and Riley Geisler

Unforgettable!

By Riley Geisler

My second CWSF experience was like no other. Going to Regina, SK, with a group of close friends really solidified everything I took from last years fair.

The people I met this year, and the projects I got to experience first hand, once again, succeeded in showing me a whole new side of science. Since my time sight seeing the wonders and beauty of Saskatchewan, viewing the incredible projects and guest displays, and participating in fun and educational tours, I find myself inspired to return for a third year.

I've taken the knowledge and experience I gained from this year, and it's taught me to stay humble, work hard, and continue to strive for scientific feats. The 2017 CWSF experience was a very unique one for me personally, and it's something I'll never forget.

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56th Annual North Bay Regional Science Fair

Date: April, 2018
Time: 8:00 a.m. to 8:00 p.m.
 (Awards ceremony at 7:00 p.m.)
Place: Nipissing University
 100 College Drive, North Bay, ON



56 foire scientifique annuelle de la region

Date : Avril, 2018
Heures : De 8 h à 20 h
 (cérémonie de remise des prix à 19 h)
Endroit : Université Nipissing
 100, College Drive, North Bay (Ontario)

A Word from the Chair

Welcome students and teachers! As you begin preparations and projects for your individual school Fair, the North Bay Regional Science Fair Committee is hard at work organizing the 56th Annual Fair. Each year we are very pleased and often surprised by the ingenuity that goes into many of the projects we see. We are constantly making improvements to the Fair to benefit students.

Please distribute this newsletter to all who may be interested in participating in this year's Fair. You can also assist us by promoting the science fair in your school through teacher/student involvement and by holding your own fair prior to the Regional Fair.

The NBRFSF committee extends our appreciation and thanks to the many teachers, students, parents, volunteers and community organizations who have offered their generous support to previous Fairs, and to the many sponsors who, through financial contributions, make the NBRFSF possible.

Project specifics, resources links, and Science on the Wall competition information can all be found on our website, along with the most up-to-date information. Go to: www.nbrsf.com. Should you have any questions or require additional information, please contact me, David Jackowski at 705 845-1470.

Who Can Enter the Fair?

All students in grades 7 through 12 (under 21 years of age) in the North Bay region are eligible to enter the Fair. The North Bay region extends from Mattawa to Verner and from Parry Sound to Englehart, and includes Near North District School Board, Nipissing-Parry Sound Catholic District School Board, District School Board #5; and District School Board #60B.

Registration is online only, at www.nbrsf.com. Students may enter either individually or in groups of two (2). Applications must be received by the Regional Fair Director of Registration by the specified date in early April 2018.

No late entries will be accepted.

Schools are encouraged to hold their own Science Fair **several weeks** before the Regional Fair to enable those advancing to the Regional Fair ample time to register. We endeavor to provide services in both official languages and will accommodate French speaking students at the Fair with French speaking judges when available. Students are encouraged to make their presentation in either official language.

2017 Sponsors - Thank You!!!



"2017" con't from pg. 1

CWSF. It was nice to catch up after a year apart. I also made many new friends who I spent lots of time with in Regina, and am still in touch with today. Unfortunately, neither friends, nor experience could help truly prepare me for judging, I was still very nervous. Once it was over I was much more calm and able to enjoy the trip to the fullest.

On our day, some of us were able to travel to the Big Muddy Badlands in southern Saskatchewan. It was an amazing excursion, and down there I learned that southern Saskatchewan is the opposite of flat. We visited Castle Butte on our tour and climb it to get some amazing images. We also went even further south to another Butte with a Canadian flag on top as it was only a few feet from the Canada-USA border. The view from on top, while very windy, was unforgettable.

As with last year, pin trading was a very large portion of the trip. I received several new pins from across the country. Including places like Nunavut, Kamloops, and of course, Regina. From this pin trading experience the past two years, I have really become interested in things like pins as mementos of my travels. I now try to buy at least one pin wherever I travel.

This truly was another amazing experience for me, I have made lifelong memories from this trip and it is not an experience I will ever forget. I really hope to attend another CWSF in the future, if I am unable to return as a finalist, I really hope to be able to go back as a volunteer, judge, or delegate.

Thank you to everyone who made this possible in North Bay, and Regina. Without everyone at YSC and the volunteers, none of this would've been possible. Thank you so much to the delegates from North Bay for giving us this amazing opportunity!

My CWSF Experience

By Jacob Galema

My experience at the Canada-Wide Science Fair was a great one; we did lots of entertaining activities and the judging was very relaxed.

The University of Regina campus was a great hosting site, as the residence, dining hall, and project hall, all had a very good setup.

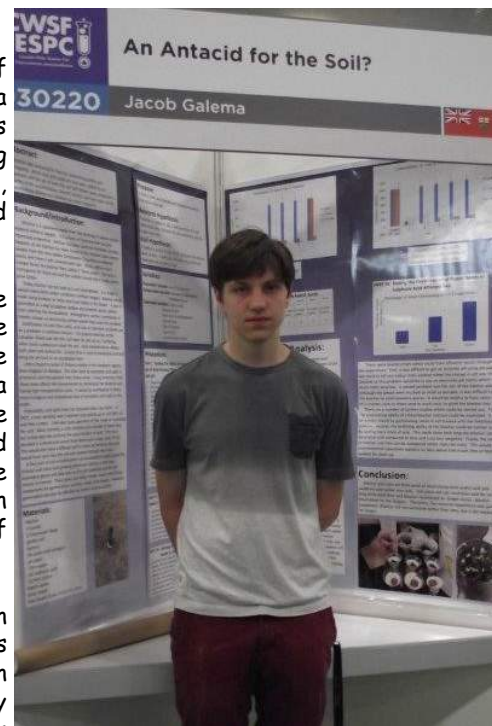
Our delegates made sure we were prepared for the judging, by having a couple practice judging sessions, and made sure we were comfortable with everything, even if there was a problem.

The judging portion of the week was shorter than expected, it was only one day, and was setup in a very relaxing way, as if we were just having a conversation about our projects, and not being put on the spot for anything.

Our trip day was a great experience as we explored the badlands of Saskatchewan, I got to meet a lot of nice people on the trip and made the week a whole lot better.

The best part of the Canada-Wide Science Fair was team North Bay, although I didn't know anyone when I left for the event, when I came back, it felt like I knew them for years.

I'd like to thank the North Bay Regional Science Fair, the Canada-Wide Science Fair, and the University of Regina for the opportunity to attend such an amazing event.



**In Grade 1 to 6?
Consider a "Science on the Wall" Display**

Gold, Silver, and Bronze winners in each of the age categories. Check out:

www.nbrsf./sotw/

Exciting Student Opportunity!

Are you in grade 10, 11, or 12? Are you interested in an intense STEAM-based program that includes learning through lectures, labs, workshops, and group projects? If so, then SHAD may be for you!!!

Each July, about 700 students attend a month-long summer program at one of 13 Canadian host universities. Through immersive programs, lectures, workshops and activities, students interact with university faculty and visionary corporate leaders, which gives them a glimpse at their future, and helps them raise their aspirations and ability to make a

difference. They also participate in field trips, and outdoor and recreational activities that assist in team building, and are just plain fun!

If you want to broaden your horizons and spend time with other students who share your interests, dreams and abilities, apply to participate in this enriching experience.

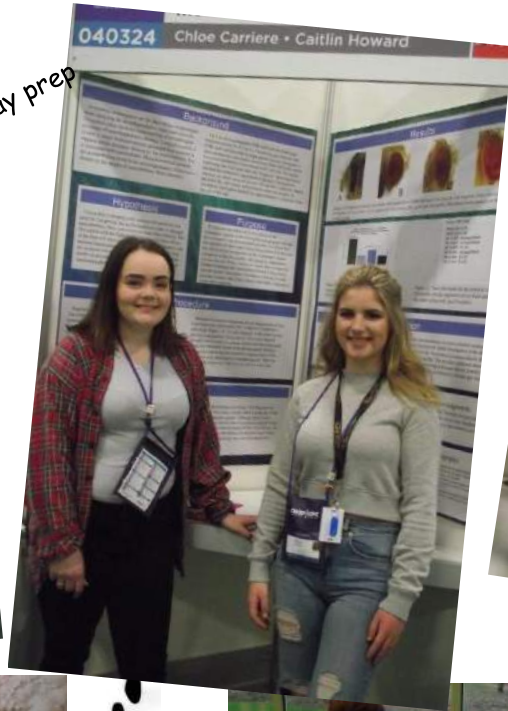
And... volunteer internships with partner companies are available!

Check out SHAD at: www.SHAD.ca/apply

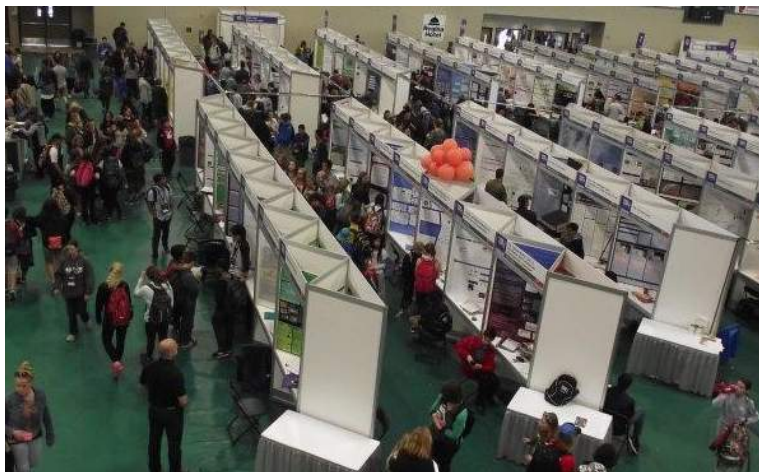
CWSF 2017—Regina



Display prep

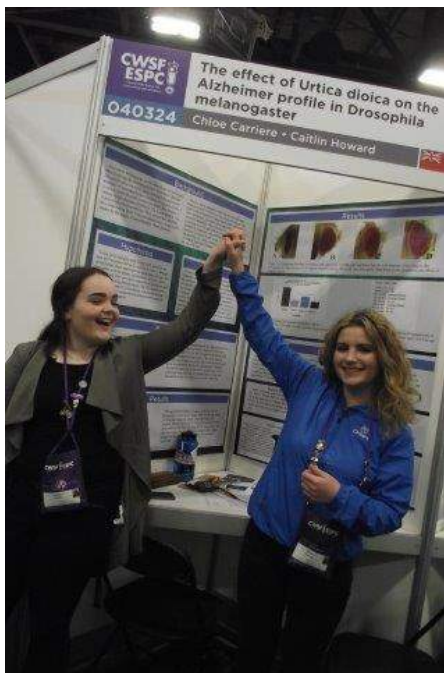


T-Shirt issued at CWSF in 1996 still being worn by delegates!!!



Pumped up for judging





SCIENCE ROCKS!

Chloe Carriere and Caitlin Howard
BRONZE medal winners!



Important Project Information
you will find at www.nbrsf.com

- ◆ Online resources for students and teachers
- ◆ What's in a Science Project
- ◆ Creating a Good Project
- ◆ Categories
- ◆ The Workbook
- ◆ Project Summary Science on the Wall

Questions? Email us at:
sciencefairnb@gmail.com



CWSF Funding

Up to five students may be selected to represent the North Bay Region at the Canada-Wide Science Fair in Ottawa, ON in May 2018. It is the goal of the NBRSF Committee to fully fund all projects, however, only partial funding may be possible.

Individual school boards, schools, and students should be prepared to share in the expense of sending regional winners to CWSF.