

ESPC 2009 - Winnipeg (Manitoba)



Tegan Wiebe

It's Time to Make a "Radon" the Basements

Division: Internationale / Innovation environnementale

Catégorie: Sénior

Région: North Channel

Ville: Blind River, ON

École: W.C. Eaket S.S.

Sommaire: The project was an experiment to determine the most effective and efficient system used to remove radon from basements. A model home was built and tested using carbon dioxide gas to gather comparative results. Building a sub-slab filled with gravel and using a fan to create a negative air pressure within the sub-slab was the most effective system.

Biographie

My name is Tegan Wiebe and I am currently a grade 12 student at W.C. Eaket. Next year I will hopefully be attending the University of McGill to begin an education for a career in architecture. I hope to eventually study or work abroad, as I discovered my love of architecture on a family trip to Norway. My passions are vast and numerous. I enjoy mountain biking, tennis, basketball, photography, and playing the piano. In the past two years I have competed at the OFSAA level for tennis and the NOSSA level for long jump in track and field. I also am a leader for the community youth group and I volunteer in a program that talks to grade 7's and 8's about peer pressure.

Prix

Valeur

Prix en physique de l'ACP - Sénior	1 000,00 \$
Commanditaire: Association canadienne des physiciens et physiciennes	
Bourses d'admission de la Faculté des sciences de l'Université Dalhousie	4 000,00 \$
Bourse de début d'études de 4 000 \$	
Commanditaire: Université Dalhousie, Faculté des sciences	
Prix d'admission en sciences de UBC (Vancouver)	4 000,00 \$
Médaille d'or, sénior - Bourse d'admission de 4 000 \$	
Commanditaire: The University of British Columbia (Vancouver)	
Bourse d'études de l'Université Western Ontario	2 000,00 \$
Médaille d'or - Bourse de début d'études de 2 000 \$	
Commanditaire: Université Western Ontario	
Bourse d'admission de l'Université d'Ottawa	20 000,00 \$
Médaille d'or, sénior ? Bourse d'études de 20 000 \$ (5 000 \$ par année pendant 4 ans)	
Commanditaire: Université d'Ottawa	
Médaille d'or - Sciences physiques et des mathématiques	1 500,00 \$
Sénior	
Commanditaire: Encana Corporation	
Total	32 500,00 \$