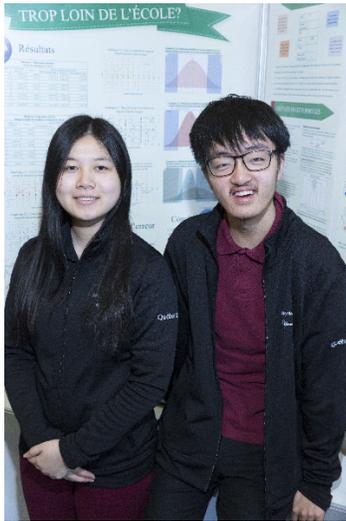


# CWSF 2018 - Ottawa, Ontario



## Qiu Shi Wang, Yu Chen Shi

### Trop loin de l'école?

**Challenge:** Discovery

**Category:** Senior

**Region:** Montréal RM

**City:** Montréal, QC

**School:** Collège Jean-de-Brébeuf

**Abstract:** Our project is an observational statistical study on the effect of daily commute time on a CÉGEP student's grades. Using linear regression methods, we conclude that commute time has no effect on a student's grades, contrarily to popular opinion. In light of these results, we can affirm that commuting distance shouldn't be a determining factor in a student's choice of school or residence.

### Biographies

Qiu Shi - I've always been fascinated by mathematics and natural sciences. During the last few years, I've read many popular science books, ranging from cosmology to evolutionary biology. I've also participated in many mathematics contests, such as the American Invitational Mathematics Examination and the Canadian Open Mathematics Challenge. I was also Canadian champion of the University of British Columbia's Michael Smith Science Challenge in grade 10.

Yu Chen - I'm currently studying at College Jean-de-Brébeuf as a secondary V student. I participate in many science, mathematics, and writing contests. I love reading and drawing, and I regularly offer free tutoring to immigrant children. Since I study in Montreal, many of my fellow students have to travel very far to come to school every day. They would often use that fact to justify having bad grades. However, a startlingly small number of studies have been conducted on the effects of daily travel time on academic performance, which is why I decided to base my project on this problem. I think it would be interesting, if I happen to continue working ...

### Awards

### Value

The Actuarial Foundation of Canada Award - Senior Sponsor: The Actuarial Foundation of Canada	\$1 000
Excellence Award - Senior - Bronze Medal Sponsor: Youth Science Canada	
Carleton University Entrance Award Senior Bronze Medallist - \$1,000 Entrance Award Sponsor: Carleton University	\$1 000
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
<b>Total</b>	<b>\$4 000</b>