

# CWSF 2011 - Toronto, Ontario



## Sarah Gordon

### Alzheimer/Dementia Assistant Technology

**Challenge:** Innovation

**Category:** Senior

**Region:** South Fraser

**City:** Surrey, BC

**School:** Lord Tweedsmuir Secondary

**Abstract:** My project is a theoretical design of a home system for patients with early signs of Alzheimer's/Dementia. The design combines existing technologies in an original way that could enable patients to live independently in their own homes for longer, as opposed to being put in fully assisted residences so early on. The technology is also designed to help delay the progression of the disease.

#### Biography

My name is Sarah Marie Gordon and I was born February 26, 1993 in Surrey, BC. I am a citizen of both Canada and New Zealand. I participated in an un-official exchange in 2009 and spent a year attending school at Wellington Girls College in Wellington, New Zealand. At Lord Tweedsmuir Secondary School I am very active in Athletics as both a student athlete and as member of the athletic Leadership program. I received various awards for my athletic ability and service to the athletic program. My main focus in athletics is rugby. I was captain of the BC U-17 women's rugby team in 2010 and I aspire to play for the Canadian Sr. Womens rugby team. I am an active volunteer in my community volunteering at various places including the YMCA, Cloverdale Soup Kitchen and Zion Park Manor Sr Home. My educational goals for the future are to receive my Bachelors of Science, majoring in Biological Sciences, Masters in Education and teach in the International Schooling system at various locations around the world.

#### Awards

#### Value

Excellence Award - Senior - Bronze Medal Sponsor: Youth Science Canada	\$300
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
<b>Total</b>	<b>\$2 300</b>