

CWSF 2008 - Ottawa, Ontario



Gary Kurek

The Rollator Wheelchair Hybrid 2: Attaching The Freedom Of Independent Mobility

Division: Health Sciences / Environmental Innovation

Category: Intermediate

Region: Edmonton

City: Fort Kent, AB

School: Bonnyville Centralized High School

Abstract: A second phase to my 2007 project. I have developed a dual function mobility aid which has the capability of performing the functions of both a manual four wheeled rollator and an electric wheelchair. The results of the tests carried out prove that this innovation is more feasible and effective than current assistive mobility aids.

Biography

Gary was born on December 12, 1991 in Bonnyville Alberta. Gary has lived on a Buffalo ranch in rural Alberta his entire life. Ever since Gary was young he has had a passion for engineering. Over the years he put many common household materials to interesting uses. This passion of engineering has always been present even up until today. Gary is involved in many extra curricular activities like High school volleyball, spring musicals, FIRST Lego League Challenges, Math Competitions, and of course Science Fair. He has attended 2 CWSFs and is proud to be attending his third in 2008. He has a passion for engineering in fields of healthcare so he can invent products to help the disabled individuals of our society. On top of balancing schoolwork with his many extra-curricular interests, Gary has created his own weight loss program where he has managed to lose 60 pounds since the start of July 2007. When Gary graduates high school he would either like to go to university to study biomedical engineering or become a physician. His other dream would be to become a successful entrepreneur.

Awards

Value

S.M. Blair Family Foundation Award - Intermediate Sponsor: S.M. Blair Family Foundation	\$750
Petro-Canada Peer Innovation Award - Intermediate - Western Canada Sponsor: Petro-Canada	\$200
The University of Western Ontario Scholarship Silver Medallist - \$1500 Entrance Scholarship Sponsor: University of Western Ontario	\$1 500
Silver Medal - Engineering - Intermediate Sponsor: Youth Science Foundation Canada	\$700
Total	\$3 150