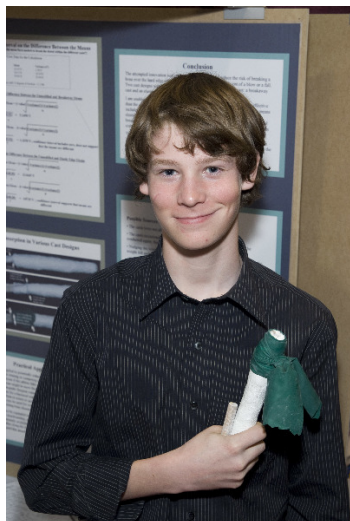


CWSF 2008 - Ottawa, Ontario



Jonas Ordman

Cast Innovation: Reducing the Risk

Division: Health Sciences / None

Category: Junior

Region: Calgary Youth

City: Calgary, AB

School: Calgary Jewish Academy

Abstract: A risk exists in wearing a cast while playing sports: you could break your arm at the edge of the cast if you fall. I designed and tested two cast innovations to see if I could increase the force necessary to break a "bone simulant" (wood dowel) casted within. One of these, the elastic-edge cast, was successful and could reduce the risk for cast-wearers.

Biography

Bio removed by request.

Awards

Value

The Actuarial Foundation of Canada Award - Junior	\$500
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
Bronze Medal - Engineering - Junior Sponsor: Youth Science Foundation Canada	\$300
Total	\$1 800