

Alberta's Young Innovators

InclineDesign

Making adaptive skiing accessible

Since its invention in the 1970s, the sit-ski or monoski has helped paraplegics enjoy and compete in the sport of alpine skiing. The sit-ski looks like a snowboard or single ski with a seat attached to it. It's navigated with the help of two outriggers that guide the sit-ski down a hill or mountain.

Currently, sit-skis are very expensive and there are no universal instructions for the techniques and skills needed to use the sit-ski. This heralded an opportunity for a young entrepreneur with a passion for skiing and a background in engineering.

Jeremy MacLennan, a young innovator behind the newly formed Calgary-based InclineDesign, believes that adaptive skiing should be accessible to all. And he's recently turned a fourth year engineering project into a viable business idea by creating a new sit-ski - called the EVO1 - that's affordable and easy to use.

InclineDesign is currently in the process of finalizing the EVO1 which had its origins as an award-winning University of Calgary industrial design project.

The Calgary Association of Disabled Skiers is currently testing out the EVO1 and pending the success of the product, it could spread nationally and internationally.

InclineDesign hopes to launch the EVO1 just in time for the 2010 Vancouver Paralympic Games. It's expected to cost approximately \$1,500 when other sit-skis on the market cost about \$3,000.



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