

## CWSF 2006 - Saguenay, Québec



### Joshua Banfield, Jonathan Howse

#### Stereoscopic Vision and 3D Imaging

**Division:** Health Sciences

**Category:** Senior

**Region:** Eastern Newfoundland

**City:** Mount Pearl, NL

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**Abstract:** This project demonstrates a working model of a video camera that creates stereoscopic vision with the use of two cameras and 3D shutter glasses. The camera was built as a prototype which we hope to develop into a camera system for piloting underwater remotely operated vehicles. The added depth perception allows for more realistic viewing of the underwater scene, and thus better piloting.