

## CWSF 2018 - Ottawa, Ontario



### Conformable LEECs using Elastomeric Emissive Materials

**Challenge:** Information

**Category:** Intermediate

**Region:**

**City:** ,

**School:**

**Abstract:** My project involves the fabrication of light emitting devices that are flexible, or even stretchable. These devices have many uses including biomedical applications in which they could be integrated into the body to monitor blood glucose levels for people who are diabetic, or for use in electronic environments such as foldable cell phones. Various substrates were experimented with to achieve flexibility while maximizing conductivity.

Awards	Value
CAP Physics Prize - Intermediate	\$750
Sponsor: Canadian Association of Physicists	
Total	\$750