

ESPC 2008 - Ottawa (Ontario)



Danielle Appavoo

Lending a Hand: Bio Gloves

Division: Génie et sciences de l'informatique / Innovation environnementale

Catégorie: Junior

Région: Avon Maitland-Huron Perth

Ville: Goderich, ON

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Sommaire: Environmental problems are growing globally. This project aims to reduce the amount of petroleum products wasted by using non-biodegradable surgical gloves by creating a biodegradable one. Three different starches were tested in creating the plastic and potato starch was the most suitable. A glove was composed of this starch and the water strength of this plastic was also tested. Labeling of biodegradable-plastics is also important.

Biographie

I have played the violin for 8 years and have participated in a junior orchestra for 2 years. I have completed a 4-H sheep club. I have achieved my yellow belt in Ju Jitsu. I enjoy downhill skiing, swimming, and sailing. I enjoy taking pictures. I aspire to be a movie director or producer.