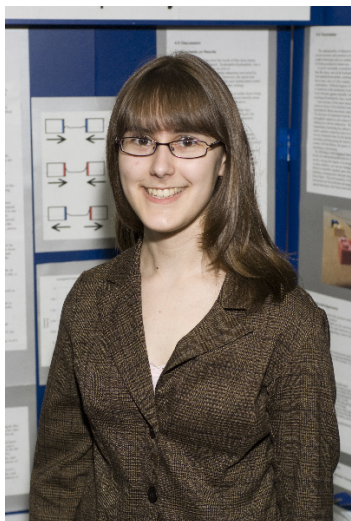


## ESPC 2009 - Winnipeg (Manitoba)



### From the Bottom Up: Self-Assembly by Lateral Capillary Forces

**Division:** Sciences de la santé / Aucun

**Catégorie:** Sénior

**Région:**

**Ville:** ,

**École:**

**Sommaire:** From the Bottom Up: Self-Assembly by Lateral Capillary Forces examines the use of capillary forces to assemble plastic blocks in a liquid-air interface, and how the blocks can be manipulated as to be assembled in desired patterns. Inducing attractions and repulsions can influence the blocks in such ways which their movement can be predicted and furthermore used in the creation of small technologies.

| Prix  | Valeur      |
|---|-------------|
| Prix de l'École d'été internationale pour les jeunes physiciens<br>Commanditaire: l'Institut Périmètre pour la physique théorique | 2 500,00 \$ |
| Mention honorable - Génie - Sénior<br>Commanditaire: Sciences jeunesse Canada   | 100,00 \$   |
| Total   | 2 600,00 \$ |

