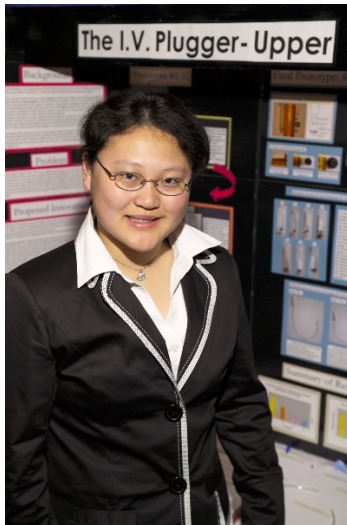


CWSF 2005 - Vancouver, British Columbia



Judy Gong

The I.V. Plugger-Upper

Division: Engineering & Computing Sciences

Category: Intermediate

Region: Greater Vancouver

City: Vancouver, BC

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Abstract: When there's no more fluid in the bottle during I.V. therapy, blood may flow out into the tube and clot and, in rare cases, air embolisms may form. To address this problem, I have designed and constructed a device that will block the movement of air within the I.V. tube.