

## CWSF 2008 - Ottawa, Ontario



### Alyssa Hickey

#### Do You See What Eye See?

**Division:** Physical & Mathematical Sciences / None

**Category:** Junior

**Region:** Kiwanis Southeast Alberta

**City:** Medicine Hat, AB

**School:** Centre for Academic and Personal Excellence

**Abstract:** This project deals with our color perception and how it can be used to improve our everyday life. Subjects were tested with colored blotches of two basic abstract shapes to see if different images were perceived in the blotches when the colors were varied. To my surprise, a wide number of images were seen in the same shapes when only the color was changed.

#### Biography

Science and medicine really interests me. I plan on becoming a cardiac surgeon when I'm finished my formal education. Besides coming from "the Gas City", I am a true "Mad Hatter" and I classify myself as an "Ultimate Geek" (although some of my classmates tend to change that title to ultimate NERD!). My favorite thing to do is hang out with my very "geeky" friends who tend to be a little weird at times. I'm currently writing a children's book which I plan to publish soon. For the past 8 years I have looked forward to science fair at our school and regionals and have dreamed about having a chance at nationals since grade one! Another of my most like hobbies is singing....just participated in a school talent show and had lots of fun. Last summer I attended the Alberta Youth Entrepreneur's Camp and our group received the award for hardest working team! I've received many awards for past science fairs and I'm especially proud of my "Project Minerva" award for "Excellence in Female Science" from this year's Regionals. Looking forward to meeting my fellow contestants in Ottawa. Best of luck to everyone.