



Colorado Science and Engineering Fair

2025 Individual Project Abstract Form

Please print 2 copies of the completed form. Sign both copies, keep 1 for your notebook and submit 1 copy to your Regional Fair Director with your other paperwork.

Title of Project: All Hands On

Finalist's Name: Gracie Typhair

School and City: West Grand Elementary and Middle School, Kremmling

Sponsor's Name: Katie DeBell

Category: Biomedical & Health Sciences

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

The purpose of this investigation was to test if different genders, age groups, and athletic ability affected people's hand eye coordination. I hypothesized that if I test a group of different people, then the younger males who play sports will catch the meter stick the fastest.

This experiment involved having people one by one try to catch a meter stick as fast as they could. They had to catch it starting with their arms straight out and once as an L shaped pinch with their hand. I used centimeters to measure the speed of the catches. After everyone caught the meter stick, I compared the scores. The lower the number you score, the better.

The data collected did conclusively support my hypothesis of younger athletic males catching it the fastest. These findings lead me to believe that there are definitely jobs in the world fit for certain people better than others. It can also show that someone's personal health can affect how fast they can react to things.

I hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. I also attest that the above properly reflects my own work.

Finalist's Signature:

Date:

In addition, all students must complete the ISEF Student Checklist (1A), Research Plan, Approval Form (1B), and Checklist for Adult Sponsor (1), and any other ISEF forms required for this type of project. See the International Rules and Guidelines for form requirements. Return COPIES of all of these forms to your Regional Fair Director with you Finalist Verification/Permission Form. **A signed copy of this form must be included in your notebook.**