# CALIFORNIA STATE SCIENCE FAIR
## 2003 PROJECT SUMMARY

**Name(s)**
Stephanie L. Henderson

**Project Number**
**J1112**

**Project Title**
## Gold Medal Finish

**Abstract**

**Objectives/Goals**
My project was to determine which of the swimsuit material types would be the fastest in competition. I believe that a material sample that is light, clingy, and stretchy will create the least drag in water and be the fastest.

**Methods/Materials**
Ten different swimsuit material types were sewn into 5 1/2" by 1" pockets. Each material pocket was tested ten times by placing a penny in it, dropping the pocket down the tube filled with chlorinated, tap, or salt water, timing each test, and recording the results.

**Results**
Swimsuit material sample 4 was the fastest in all three water types.

**Conclusions/Discussion**
My conclusion is that the finest, sleekest and the lightest swimsuit material will create the least drag in water and, therefore, be the fastest.

**Summary Statement**
My project is about finding out which swimsuit material is the fastest for competition in tap, salt and chlorinated water.

**Help Received**
Mom and dad helped me with pouring water, photos, and making the water tube.