

# CALIFORNIA STATE SCIENCE FAIR 2007 PROJECT SUMMARY

Name(s)

**Emily E. Luna** 

**Project Number** 

**J1213** 

### **Project Title**

# **Investigating Fingerprint Quality on Different Coated Surfaces**

# Abstract

## **Objectives/Goals**

A crime scene could have fingerprint on several different surfaces and those surfaces could be covered with different coatings. An Officer at the crime scene would probably find a good fingerprint on certain surfaces with certain coatings, so my project will be determining which surfaces and coatings will have good quality fingerprint.

### Methods/Materials

My method is the fingerprint Dusting method.

Materials:

Aluminum metal,raw wood,glass, non-sterol gloves,non- stick cooking spray,white paint, house dust and latent print field kit.

#### **Results**

My resalts were that paint on glass and metal and dust on glass had better qualitys then wood with any coating.

#### **Conclusions/Discussion**

I found out that my hypothesis was wrong and never look at wood first.

## **Summary Statement**

About finding good qualitys on a coated surfacein a crime scene.

## **Help Received**

I got help from 4 offic.ers on rating and facts