

SAN JUAN NM REGIONAL SCIENCE & ENGINEERING FAIR

JUNIOR AND SENIOR DIVISION

ABSTRACT & CERTIFICATION

TITLE: Genetic Fingerprints

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Grade Level: 7

Type the Body of Your Abstract Here (250 Word Maximum)

With the world we live in each individual is known to be their own person and their own being. However, this is shown even more when you look at everybody's individual fingerprints. Our fingerprints are not only used as a form of identification, but they are also our own individual signature that we were born with. However, we get our genetics from our biological parents. Our biological genetics affect how we look, talk, and grow up. These facts are what lead me to ask my project question, can our genetic makeup affect the patterns of our fingerprints? In this project I will take samples of fingerprints from children and their biological parents to see if their fingerprints have similarities. However, I do know that no matter the genetic relationship no fingerprint will look exactly the same. In this project I am just looking to see if our genetics might affect the overall pattern of the prints.

1. The student independently performed all procedures as outlined in this abstract Yes No
2. This project is a continuation. Yes No
3. This project is being presented at SJRSEF NMJAS Paper Competition

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.

Emily Boognl

Student's Signature

2-9-22

Date

