

Was it a crime? (lab write up)

This was a case on a woman named Anna Garcia. She is a Hispanic 38 year old that weighed 165 pounds and was 64 inches tall. She was a co-owner alongside with Lucy Leffingwell. They had a verbal argument on whether to expand business or keep it the way it was. Alex Garcia was a former husband and had a violent divorce. Doug Greene is a neighbor and last saw her at 6:30 walking her dog. Erica Piedmont is the new wife of Alex and was parked right in front of Anna's house.

We did many procedures and here is the list.

Fingerprinting: At the crime scene we found a fingerprint. Here is how we obtained it.

1. We dusted for it to make it visible.
2. Then we put a special type of tape that would somewhat copy it on to it.
3. We took a close look and compared the fingerprints to all of the suspects.

It turned out that the fingerprint belonged to Alex because we found minutiae that made his finger print his and it matched up.

Blood Stain:

There was a blood stain at the scene. We did many things to find out that the blood was B+ either Anna's or Alex's blood

We put the blood into Anti A and Anti B if they clumped it means it is positive. IF they did not clump it means that it is negative.

Shoe print:

There was a set of footprints at the scene. We used the prints to find out the approximate height of the owner of the shoe prints.

Hair analyzing: There was a hair obtained at the scene

1. We put the hair on a glass slide
2. WE put it under a microscope
3. WE looked at the medulla and compared it to the others
4. it belonged to ANNA

Unknown substance:

There was a cup with an unknown substance so we took it to the lab and..

1. We analyzed it. (appearance texture/smell)
2. WE put it into indicators then we would see how it would react and recorded as needed.
3. We had our own set of substances that we knew what they were
4. We put different types of indicators and mixed it
5. After recording all the data we looked at our data and see which ones had the same similarities

It turned out that the substance at the scene was aspirin. She could have been having some headaches.

Blood spatter: We found blood and we used our own type of blood to drop it from various heights. By doing this, we could see where the blood dropped. The blood dropped from ontop of anna's head because she is 64 inches tall and the blood had the same diameter at the crime scene and the work we did at our lab.

We had troubles doing the blood spatter analyst. At first, we were dropping the blood drops on top of each other which made the results inaccurate. We noticed this mistake because our graph was very wacky and didn't make any sense. One other thing is that the footprint lab went kind of wrong. Our graph is supposed to be linear but when we examined it, it increased then decreased dramatically.

TO sum it all up, the fingerprint belonged to alex, the blood belonged to either anna or alex, the hair belonged to Anna, and the shoe belonged to alex, and the medicine was aspirin.

The manner of this case is a natural cause of death. I believe it is this because Anna had a cup with aspirin in a cup. Inferring that she must have had headaches/nausea/pain. Also, the table that was found at the scene was on it's side and with a blood stain on it. Maybe she could've fallen and hit her head on the table that killed her.

I believe that investigators should interrogate each and every one of the suspects. THis is a good idea because Alex could explain why he was at her house approximately the time she had died. Another thing that the

police should do is break the news to the family so they know of this business. They could probably work on her bakery so they can make money and expand it.

The last thing they should do is to examine her body if she had any type of diseases that lead to the headaches.

A toxicologist can see what was in the person's blood stream to see if that is what had killed him/her.

A medical examiner could see if she was beaten to death or natural. They study the body to see if it has had any bruising due to punches/slaps/falling

A blood spatter analyst was also helpful because we were able to find out where the blood came from and if it was a stab wound.