

Bio I

Biochemistry: Crime Lab

In this simulation, you will play the role of a police scientist who must examine the clues found at the scene of a crime. Your job is to find out who did the crime. After all your tests, you must present your data/evidence and the name of your suspect. The crime was very serious; someone was stealing food from the Brevard High cafeteria and selling it to a catering service. School officials are very worried about the sanity (cleanliness) of the criminal and about the health of the people served by the catering service.

Crime Suspect List

- **Emily** is a baker at the local BiLo store. She often samples her creations, but prefers candy and other sugary items. She lives in an inexpensive apartment near the Main Street. She has a pet that hisses. She often cuts her hands either on the job or when she cleans pebbles from her pet's tank.
- **Nicole** has two beautiful Labradors that she takes with her whenever she is doing fieldwork. She is a geologist (studies rocks) for the government. She often uses red paint or dye to mark the boundaries of the work area. Like most of us, Nicole loves starchy foods especially chips and potato snacks. You could almost track Nicole by the trail of potato chips she leaves behind after her field studies.
- **Amanda** is a botanist (one who studies plants). To study her beloved plants, she often has to use a scalpel to cut and graft pieces together. Sometimes she gets a bit rushed and cuts herself. To ease the discomfort of the cuts, Amanda often uses powder. She has a reptile pet that stays in the lab and likes to play hide and seek. Amanda wastes a lot of time finding her pet. Amanda's preferred foods are high in protein because she mistakably thinks this will help muscles (she doesn't realize she only needs a few ounces a day and any excess puts stress on her liver, kidneys, and heart). Once in awhile she will eat a few lifesavers.
- **Rachel** is a marine biologist who loves the ocean and all its life forms. She just purchased an older boat that she painted a beautiful red. Rachel has a hissing pet named Phred and it loves peanut butter and jelly sandwiches. Phred loves to have a rubdown with powder.
- **Anna** is a janitor and maintenance woman for the Dupont plant. She often paints the offices and work area - red seems to be a popular color. Her job also requires that she repairs items that don't work. She often cuts herself doing this part of her job. Since Anna is a vegetarian, she usually has a starchy food plus a big salad with an oily dressing for lunch. She has a pet that doesn't require a lot of attention since Anna works nights. All it takes is throwing a few flakes of food (usually containing starch) on the top of the water in the tank. Since her pet is aquatic and is used to cold water, Anna doesn't have to heat the aquarium.
- **Charisse** is a she holds the work's record for typing - 267 words a minute! The only time she cannot type this fast is when her Persian cat, Lady, walks across the keyboard. Lady loves to play and often scratches Charisse deep enough to cause bleeding. To distract Lady, Charisse often throws her pieces of fried chicken.
- **Edwin** has a very unusual job - he is a gravedigger. He owns a cat named Morticia who loves to eat starchy foods. After working on a gravesite, Edwin's hands are sore and bleeding and he often powders them to make them feel better. Edwin's favorite foods are often from greasy hamburger joints.
- **Case** works at the same cemetery as Edwin, but he is the grounds keeper. He must plant the flowers and shrubs, dig up the weeds, mow the lawn, etc. He often hurts his hands and he uses powder to soothe them. He feeds his pet goldfish, Bo, glucose every day after work. Case is a very hard worker and is often complimented for the work he does at the cemetery. His favorite lunch is French fries.
- **Lydia** is a fisherman. She is known for her ability to sense where the fish are biting and also for her ability to stand upright even in a hurricane. Her dog Brittany always hides under the freshly painted bunk in a storm. Lydia tempts her pup with breadsticks or bread loaded with peanut butter.

Cary just purchased a nursery on Hendersonville Road. She wanted to fix up the place a bit, so she painted

the surrounding fence red. She has some unusual pet s, which are pet rocks. These pets all have terrific personalities and very limited needs. Cary loves, loves, loves Oreo cookies that are loaded with sugar and starch.