**Psy 113**

# KEY for Activity #6

1. A horn is sounded and is immediately followed by a puff of air to a rabbit’s eye. After several repetitions of this procedure, the rabbit blinks its eye in response to the horn being played.

What is the:

US: air puff

UR: blink in response to air puff

CS: horn

CR: blink in response to horn

(2) Johnny and his Dad are about to drive over a nearby bridge and Dad decides it would be funny to scare Johnny. So as soon as the car drives onto the bridge, Dad suddenly pounds on the dashboard, causing Johnny to jump and look startled. On the way home later that day, Dad again pounds on the dashboard as soon as the car drives up onto the bridge. Johnny again jumps and gets a scare from Dad’s trick. Later on that week, Johnny’s Mom is approaching the bridge with Johnny in the car. As soon as Johnny sees the bridge, his breathing and heart rate quicken and he starts to protest, “No, Mom, let me out of the car. I hate this bridge. It is too scary.”

What is the:

US: sudden pounding

UR: jump, startle, fear responses to pounding

CS: bridge

CR: fear response to bridge

(3) Every evening Sally opens a can of cat food with an electric can opener and immediately places the food in her cat’s food bowl on the floor in the kitchen. At the start of this feeding routine, the cat would come running to the food dish right after Sally placed the food dish on the floor. Now after several weeks of this routine, the cat comes running when he hears the sound of the can opener.

What is the:

US: food dish on floor

UR: cat runs to kitchen in response to dish on the floor

CS: sound of can opener

CR: run to kitchen in response to can opener

(4) A training or acquisition trial consists of presenting the \_\_CS\_\_\_ followed immediately by the \_US\_\_\_\_.
A test trial consists of presenting the \_\_CS\_\_\_\_.
If classical conditioning has occurred, then presentation of the \_\_CS\_\_\_ will elicit the \_CR\_\_\_\_.
After training, presentation of the US will elicit \_UR\_\_\_\_.