Forensic Science: Fundamentals and Investigations **Activity Handout**

	Name	
ACTIVITY 1-3		
WHAT INFLUENCES OUR O	BSERVATIONS?	

Part 1

Directions: Watch the commercial and answer the questions on the sheet provided.

Questions:

- 1. How many people are in the video?
- 2. Describe the main character(s) in the commercial in terms of:
 - a. Size
 - b. Age
 - c. Skin color
 - d. Height
 - e. Weight
 - f. Hair: style, color, length
 - g. Clothing
 - h. Hat
 - i. Glasses
 - j. Distinguishing features
 - k. Jewelry
 - l. Beard or no beard
 - m. Any physical limitations
- 3. Describe the other people in the commercial.
- 4. Describe the setting(s) of the commercial (where it was located).

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- 5. What furniture, if any, was in the commercial?
- 6. Was the time noted?
- 7. Was it possible to determine the season?
- 8. What were the people doing in the commercial?
- 9. Were there any cars in the commercial? If so, describe the:
 - a. Model
 - b. Year
 - c. Color
 - d. License plate number
- 10. How long was the video?

Part 2

Student-Designed Commercial Activity

Directions: Design an activity involving commercials that would demonstrate how different factors influence our ability to observe. You should include the following:

- 1. Research question
- 2. Hypothesis
- 3. Experimental design
 - a. Control
 - b. Variable
- 4. Observations
 - a. What you will measure
 - b. Data tables
- 5. Conclusion based on your data

Suggested Factors to Test

- 1. Will the number of people in the room affect someone's observational skills?
- 2. Will someone's observational skills be affected if he or she is listening to music while making the observation?

- 3. Are men less observant of the surrounding environment if the commercial features an attractive woman?
- 4. Are women less observant of the surrounding environment if the commercial features a handsome man?
- 5. Are young people less observant of an older person in a commercial as opposed to a younger person?
- 6. Are older people less observant of a younger person in a commercial as opposed to an older person?
- 7. Will famous people (e.g., actors, actresses, singers, athletes) in a commercial encourage someone to watch the commercial and therefore be more observant of the product information?
- 8. Does racial background affect someone's ability to recognize someone of a different race?
- 9. Does the color of someone's clothing make the person more noticeable?
- 10. Are bald men more difficult to recognize than men who have hair?
- 11. If the person wears a hat, does that make him or her more difficult to recognize or more likely to be recognized?
- 12. Does a person's style of clothing make him or her more noticeable or less? (For example, are there differences with responses to a man in a suit as opposed to a man in jeans?)
- 13. Does the presence of a beard make someone less noticeable or more noticeable?

14. Is an overweight person less likely to be observed than someone of normal weight?