CASE FIVE: Fatal Interaction

Go to forensics.rice.edu and click the section “Fatal Interactions” to find the answers to complete the worksheet. You will need a username and password to save your place.

Getting to Know the Game:

- In each room, you can talk with characters by clicking on him or her.
- Explore a room by moving the mouse around and finding interactive objects that you can click on.
- To change rooms, click on the location tab at the bottom and choose where to go.
- Before leaving a location, always click the CSI agent to make sure you have finished in that room.

1. Russell’s Office

*Click on Russell and answer the following questions.*

1. What happened? ____________________________________________________________
2. What tools do you need? ______________________________________________________

*Make sure to pick up your tools from the desk.*

2. Pain Clinic

*Talk to Stokes and answer the following questions.*

1. Who is the victim? __________________________________________________________
2. What does he say this case looks like? ________________________________________

*Talk to the assistant.*

1. Who is the other doctor in the building? _______________________________________
2. Did Phillips keep a gun in her office? __________________________________________

*Enter the office to collect evidence. Record any you find in the chart at the top of the following page.*
3. CSI Lab

A. Process the Gun
   1. What process are you using to get fingerprints? __________________________________________
   2. Is there a match for this print in IAFIS?   YES       NO

B. Process the Blood Stain Swab
   1. What is the last step of the extraction process? ________________________________________
   2. What are DNA markers also called? ____________________________________________________
   3. What does it mean if a DNA marker has only one peak? _________________________________
   4. Is the blood from the floor and wall from the same person?    YES       NO

C. Process the Computer
   1. According to the rising prescription chart, which drug increased significantly? __________
   2. What does the unknown email sender claim Dr. Phillips did? ______________________________
   3. Who is now a suspect in the case? _____________________________________________________

D. Process Photos
   1. What kind of bloodstains are found on the floor? _______________________________________
   2. What kind of bloodstains are found on the wall? _______________________________________
   3. What direction did the blood on the wall travel? _______________________________________
   4. Ho was Dr. Phillips positioned when shot? _____________________________________________

Ask if you are finished before moving on to the next location.

4. Morgue

Talk to Dr. Robbins and answer the following questions.
   1. How long ago did Dr. Phillips die? ___________________________________________________
   2. What distance range was the gun from Dr. Phillips head? _______________________________
3. What does the victim’s bruise tell you? ____________________________________________

Write any evidence you find in the chart.

<table>
<thead>
<tr>
<th>Evidence Collected</th>
<th>Where It Is Processed In the Lab</th>
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5. CSI Lab

A. Process the Victim’s Print
   1. Is the victim’s print found on the gun?  YES    NO

B. Process the Victim’s Blood

C. Process the Fingernail Swabs
   1. Who does the first swab profile belong to? ________________________________
   2. Who does the second swab profile belong to? ______________________________

6. Firearms Lab

   Talk to Sara, then begin to process evidence.

A. Fire the Gun

B. Process the Autopsy Bullet
   1. What is the caliber of this bullet? ________________________________
   2. What type of rifling is on the bullet? ________________________________

C. Process the Bullet from the Crime Scene Gun
   1. What is the caliber of this bullet? ________________________________
   2. What type of rifling is on the bullet? ________________________________
   3. Is this gun the murder weapon? ________________________________

   Read your message from Russell, then move to the next location.
7. Terry McCoy’s House

*Talk to Stokes, then McCoy.*

1. What does McCoy think caused his daughter's accident? __________________________
2. What does he say about his daughter being a patient at the clinic? __________________

Search the house and collect evidence, record any found in the chart below.

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_Talk to Stokes to make sure you are finished, then move to the next location._

8. Pharmacy

*Talk to the pharmacist.*

1. Does he know the victim? __________________________
2. Does he know Melissa McCoy? ________________________
3. What does he say about drug interactions? __________________________

9. CSI Lab

A. Process McCoy’s DNA

1. Does McCoy’s DNA match the swabbed DNA?  YES  NO

10. Firearms Lab

A. Fire McCoy’s Gun
B. Process McCoy’s Bullet

1. What is the caliber of the bullet? __________________________
2. What type of rifling is on the bullet? ________________________
3. Is McCoy’s gun the murder weapon?  YES  NO

11. Pain Clinic

*Talk to Stokes, then go to the victim’s office.*

1. What is interesting about Melissa McCoy’s file? __________________________

Worksheet created by Anna Grace Davis, Student at Harding University, Searcy, Arkansas.
Go to Dr. Brody Fowler’s office and talk to him.
1. Did Dr. Fowler know about the gun in Phillips office? ____________________________
2. Did Dr. Fowler know she had been subpoenaed? ____________________________

Read your message from Russell, then return to the lab.

12. CSI Lab

View the log on the computer.
1. Who entered the clinic around the time the victim was killed? ____________________________

View the tablet to see Melissa’s toxicology report.
1. Were there drugs involved in the accident? YES  NO
2. Did Melissa die from a drug overdose? YES  NO
3. What happens when you combine CNS depressants to opioids? ____________________________
4. What happens when you combine muscle relaxants with CNS depressants? _______________

13. Anna Steward’s House

Talk to Stokes, then to Anna.
1. Why was Anna at the office during that time? ____________________________
2. What does Anna want before her house is searched? ____________________________

Write any evidence found in the graph below.

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Read your message from Russell, then return to the lab.

14. CSI Lab

View the bank statement on the computer.
1. What was the interesting transaction made? ____________________________

A. Process Anna’s DNA

1. Did her DNA match the swabbed DNA? YES  NO

15. Pharmacy

Talk to Stokes, then to the pharmacist. Record any evidence in the graph at the top of the following page.
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*Ask Stokes if you are finished, then return to the lab.*

### 16. CSI Lab
A. Process the Pharmacist's DNA
1. Does his DNA match the swabbed DNA?  YES  NO
2. What does that tell us? ______________________________________________

### 17. Firearms Lab
A. Fire the Pharmacist's Gun
B. Process the Pharmacist's Gun's Bullet
1. What is the caliber of the bullet? ________________________________
2. What type of rifling is on the bullet? ________________________________
3. What are striations? ________________________________
4. Is this the murder weapon?  YES  NO

### 18. Wrap Up
1. What was White charged with? ________________________________
2. What does the headline tell you? ________________________________

*Congratulations! You may now move on to another difficult cases. Return to the homepage and select either Burning Star or Bitter Pill. Make sure you get the appropriate worksheets for the case you select.*