**Data Nuggets-Mag Biochem** Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # \_\_\_\_\_\_

“How Do Brain Chemicals Influence Who Wins a Fight?’

Show Video:

<https://youtu.be/LIx69mnPIQM>

While watching the video, answer the following questions:

1. Which fly showed more aggressive behaviors? How did you decide (what is the evidence)?

2. How many retreats did each fly make?

3. If this video segment was the entire fight, which fly would the scientists say won the battle?

4. Explain how this video segment is scientifically a ‘fair test’ *(\*see handout)*. Is there anything you would

change to make the test results reflect aggression level even more accurately?