



### Poster Presentation Timing & Tips

#### Introduction/Background & Review of Literature – 1.5 min

- You have only 1.5 minutes to have the audience understand the basics of the topic and review 2-3 previous research projects that led to a question (problem statement/gap) that your research addressed.

#### Problem Statement (Gap), Purpose of research (Goal), & Hypothesis (Justified) 0.5 min

- End the review of literature with a clear problem statement (gap).
  - Show your inquisitiveness and scientific thinking by listing some interesting facts and/or questions that you pulled out of the past related research which led you to the problem statement.
- **Goal** – What did you specifically do in your research project?
- **Hypothesis** – What did you believe would have happened? Why?
  - Justify what you thought and why, even if you were wrong.

#### Methods & Materials 1 min

- Give the audience a general step by step procedure but don't spend timing getting too specific.
- This is very often the most "over-covered" part of the presentation.
- **Do NOT** say "we did this." Instead, say "the next step was to..."
- **DO** make it very clear what your mentor did vs. what you did

#### Data/Results & Analysis/Discussion 2 min

- Highlight the important facts – verbally and visually
- Show expected or unexpected data points or results
- Graphs & Tables
  - Know the units or measure and what the axes are (label them)
  - Be able to explain everything, be very familiar with numbers
  - Be sure everyone can see all text/numbers on all charts/graphs
  - Highlight important parts with arrows/circles/boxes/etc.
- It is VERY important to show that you understand what the data/results showed WITHIN the scope of the project. Don't make wide-scoping, generalizations.
- Tie in your results with previous research.
- State and explain whether the hypothesis was supported or refuted.
  - Remember, you NEVER "prove" or "disprove" anything. You can "support" or "refute" your hypothesis or not have enough information to clearly do either.

#### Future Research, Conclusion, & Applications 1.5 min

- List what the focus of the next phase of the research would be.
- Short bulleted summary of the research including:
  - What was the problem (gap)
  - What did you do
  - What did you find
  - What does it mean (importance of the findings and potential applications even if they are minimal)

Total Time: 6.5 min

