Group IV Poster Presentation

Once you have finished collecting and processing data, it will be necessary to present your work in a professional manner.

When research scientists complete a research project, they often report their findings in one of two ways:

1. By writing a paper which is then published in a professional journal such as *Science, Nature* or *Journal of the American Chemical Society*.
2. By presenting the results of their work using a poster at a symposium in front of their peers.

You will be doing the second. You and your group will be responsible for producing a **professional-looking** poster which will be presented at a symposium showcasing your work at a date to be determined.

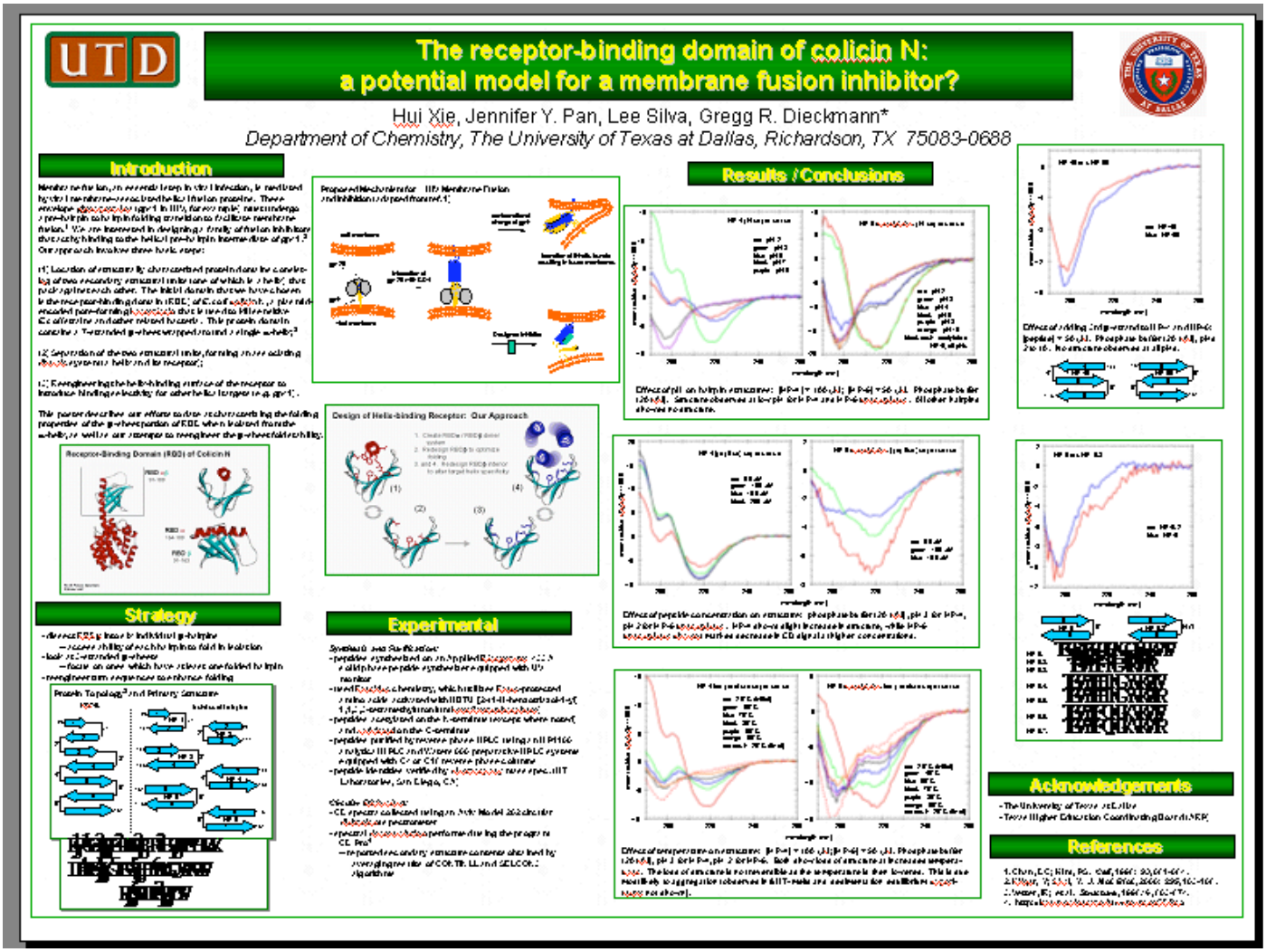
The requirements of the poster are:

1. **It must be computer-generated.** It may NOT be handwritten. Professionalism is extremely important when presenting scientific research and it will be as important with your presentation of this project.
2. **There must be a title.** This title should be descriptive of what your research question was and should be formulated as a question. It should not be cute or clever. For example, if your project was to determine which antifungal agent would prevent athlete's foot better, an appropriate title for such research would be: "What is the Optimum Antifungal Compound to Prevent *Tinea pedis*?" **NOT** "Which chemical will keep you from getting stinky, infected feet?"
3. **You must credit the name of the institution where you did your work.** If you look at the example on the back, notice at the top UTD is mentioned. When you create your poster, "Allen High School" should be in its place.
4. **You must have an introduction.** The introduction gives the readers important background information they may need to know in order to understand your work.
5. **You must discuss the strategy by which you solved your problem.** This is akin to "procedure" in a science fair project. Do NOT give a numbered list of procedures; tell us in paragraph form how you went about devising a method to solve your research problem.
6. **There must be an experimental section.** Tell your readers **what** you used to solve your problem. If this includes special equipment, you need to mention it here. Pictures of any unusual apparatus you may have used may also be of use here. Description of your method is appropriate here.
7. **Results/Conclusions**. This is the crux of your poster. This is where you will report your processed and interpreted data. **DO NOT PUT RAW DATA HERE AT ALL**. Your readers are generally not interested in seeing the raw data you collect. They will want to

see the final results of your experiment here. Processed data may include the following: before and after photos, graphs, charts or any other data display method.

8. **Acknowledgements**. This is also an important piece. You need to acknowledge those individuals who may have contributed to your work in some way. Did your parents buy you stuff to help complete your project? Thank them here. Did your teachers help you by providing a room for you to work in? Thank them here.
9. **References**. If you did any background reading or research in order to help you devise your procedure, this is where you cite your sources. Use proper APA format.
10. **PROOFREAD**! **PROOFREAD**! **PROOFREAD**! Remember this is a professional presentation!!!

Sample Poster:



Sample of what Presentation Night Looks Like: