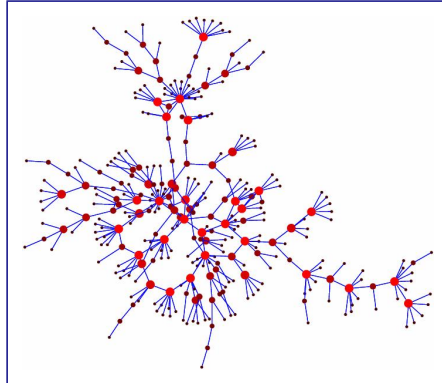# Network Theory:
Class project presentation guidelines

*Include a compelling graphic
on the cover page if possible, e.g.:*

"Project title", List of authors

This is just a guideline. Presentation can be organized in an alternate manner.

Problem statement

- State the problem you set out to answer. It can be in the form of a scientific hypothesis.

- Explain the motivation — why is this problem interesting to you and why should it also be interesting to others.

- This can be anywhere from 1-3 slides.

Background

- 2-3 slides explaining what has already been accomplished in this area of study.

- How does your approach and motivation differ?

- Alternately, how does your work extend this previous work

Approach

- Explain the technical approach you are using

- Probably 2-3 slides

Results

- These can be quite preliminary

- If you don't have a concrete result

    - Is it just a matter of needing more time?
    - Is there some alternate method you would try next given more time?
    - Try and reason about why your approach did not succeed. Something understanding this aspect leads to important insights.

- probably 3-5 slides here

Next steps

- Where would you go with this research from here?

- Can you identify interesting open problems that are the next steps for the research community?

Discussion and Conclusions

- Briefly summarize your problem statement once more

- State your conclusion

- Are there any implications that follow?

    - For the specific research field?
    - For the general research field?
    - For a broad scientific audience? (If so, start writing the PNAS paper!)