## Introduction

- Purpose of Paper-problems, objectives, or goals of the research
- Public Knowledge-Cited works of general public knowledge (Economist, Scientific American, etc)
- Structure of Paper- like a table of contents, a paragraph that lists out the paper sections

## Background-> Oldest Material

Material containing definitions of problems. Some problems can be ten or a hundred years old and still being worked on. Generally tough they will be three or five years old. Facts that define or describe the topics your research is working on.

## Related Work, Present, or within two years

Papers written recently about the same material, previous material on the same project, or systems similar to the one you are building or studying.

## Current Work-> Now

- Sometimes referred to as the Approach, Experiment Method, Design, or just Research.
- Includes design diagrams, approaches to solve the problems, any formulas or filters being developed.
- Describing the tasks to be done and why they are being done.
- The danger is giving out too much detail. Don't alienate the audience.
- Say what YOU are doing.

## Results

- What did the research produce?
- Usually not raw data.
- Graphs, Screen Captures, Charts, Tables, Photographs of people participating.

## Conclusion & Future work

- Conclusion->Answer all questions in the Introduction!!!!
- Future work: Tasks not completed, general ideas
- Save groovy ideas or epiphanies for a new paper

## Acknowledgements

Be sure to acknowledge the lab, Dr. Makedon, and the NSF. In fact, some papers will require an NSF number. Contact lab leaders to get these numbers.

## Cited Work

A numbered list of sources cited. The numbers in the Cited work [#] should refer back to end-noting in the paper (Abstract, introduction, background, related work sections