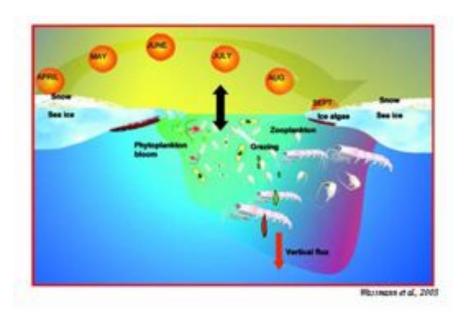


## **Figures**

- Keep 'em simple
- Use logical colors
  - Blue = cold, red = warm, dark = little, bright = a lot
  - Invisible color
  - Meaning attached to colors
- Explain axes and variables
- Include reference (info and images)

http://www.cs.aau.dk/~luca/SLIDES/howtotalk-ru.pdf



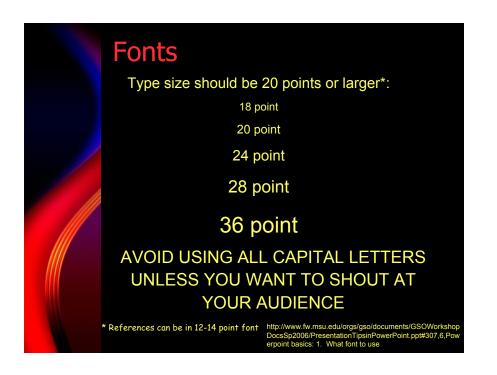
## Structure

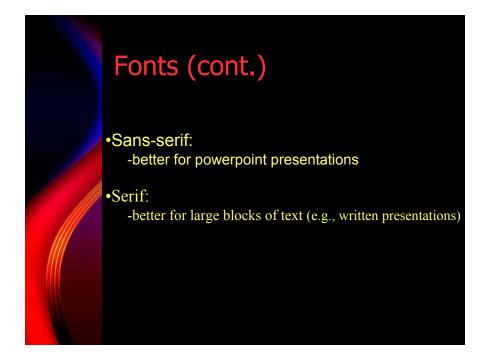
- Intro/overview
- Research question(s)
- Methods
- Results
  - Greatest hits
  - Figures
- Discussion
  - Expected results?
  - Put in context
  - What went wrong/how improve?
  - Future directions
- Summary/Conclusions
- References



### Preparing the Presentation

- Average 1 slide per minute
- No sounds! Judicious use of animations
- Use 3-5 bullets per page
- Consistent appearance
- Speelcheck





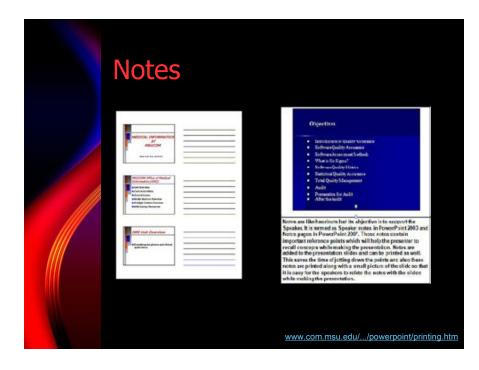
#### Color

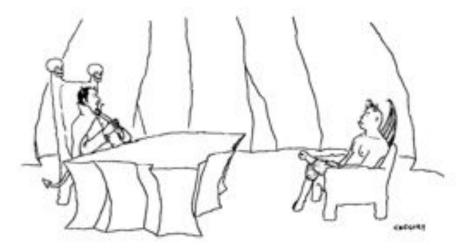
Dark letters against a light background work best when the lights are on.

### Color

But mama likes light colors against a dark background







"I need someone well versed in the art of torture do you know PowerPoint?"

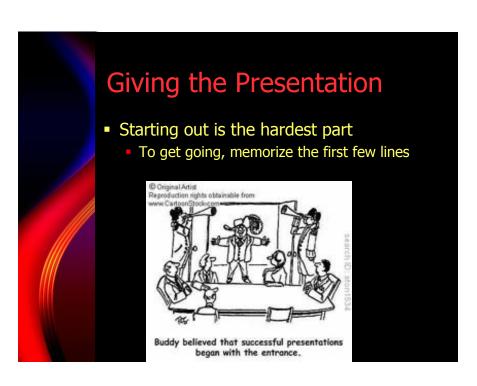
## Rehearsing

- Practice out loud
  - You discover what you don't understand
  - You come up with better phrasings and ways to describe things
  - Stay within the time limit
  - The more rehearsing, the better!
  - Uptalking

http://www.fw.msu.edu/orgs/gso/documents/GSOWorksh opDocsSp2006/TipsforGivingaScientificPresentation.pdf







# Giving the Presentation

- Experienced speakers:
  - Speak freely and look directly at audience
- Inexperienced speakers:
  - Put outline and key points of your presentation on your slides



# Giving the Presentation (cont.)

- Don't apologize
- Pointer etiquette



www.laylaland.o

## Ending



- Announce the ending
- Come back to the big picture
- Future directions

http://www.cs.aau.dk/~luca/SLIDES/howtotalk-ru.pdf

## **Questions and Answers**



- Identifies parts the audience did not understand
- Helps you see something from a new perspective
- You can repeat the question
- Keep answers short
- Anticipate and prepare for potential questions
  - Have extra slides ready (e.g., methods, instrumentation)

http://www.erp.wisc.edu/profdev/Talkhandout05.doc http://www.firekills.gov.uk/seniors/cool/howstart/images/howstart.gif