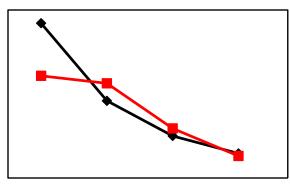
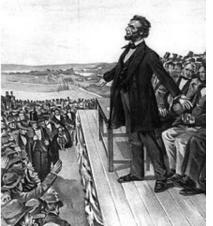
# How to design effective oral presentations



#### **Audience and organization**



Visual design

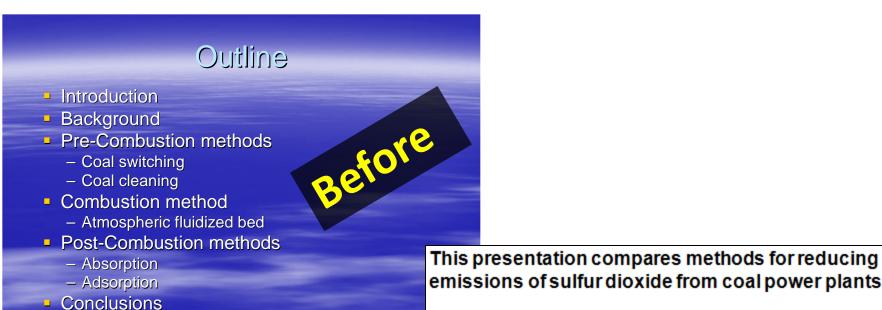


**Oral presentation skills** 

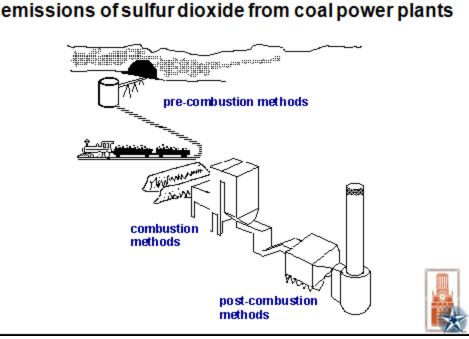
#### Overview slide.

Acknowledgments

Questions

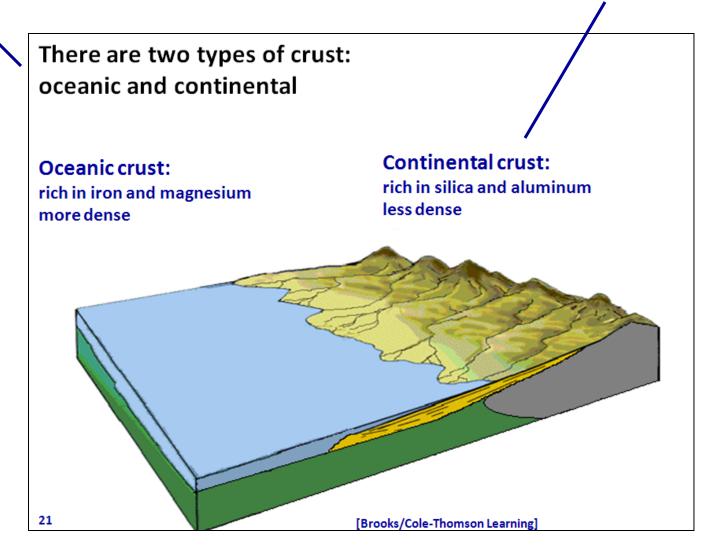


Default settings in PowerPoint do not result in the best presentations



#### Oral communication is different than written

Title should convey the takehome message of the slide. Keep It Simple Focus on 1 to 3 key points

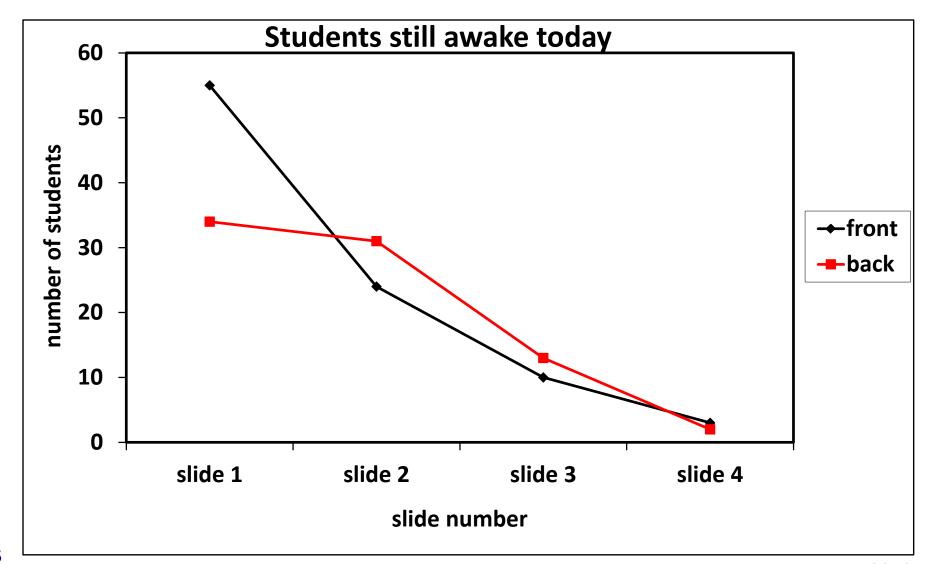


## Figures convey messages better than tables or text

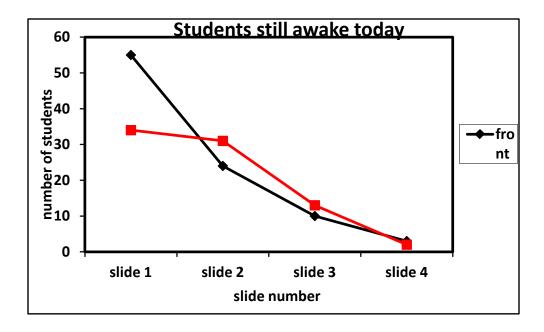
#### **Data on Student Awakeness**

- Over 50% of students at the front of the room are awake during the 1<sup>st</sup> slide.
- Only 35% of students at the rear of the room are awake during the 1<sup>st</sup> slide.
- With each successive slide fewer students are awake
- By slide 2 there is no significant difference between the front and the back of the room
- Fewer than 5% of students are awake by slide 4.

## Figures convey messages better than tables or text



## Make it Big



#### 5 x 5 Rule:

no more than 5 bullets 5 words each



fungi are <a href="heterotrophic">heterotrophic</a> ("other feeding," must feed on preformed organic material), not <a href="autotrophic">autotrophic</a> ("self feeding," make their own food by photosynthesis).

Unlike animals (also heterotrophic), which ingest then digest, fungi digest then ingest.

Fungi produce <u>exoenzymes</u> to accomplish this most fungi store their food as glycogen (like animals)—plants store food as starch

Fungal cell membranes have a unique sterol, ergosterol, which replaces cholesterol found in mammalian cell membranes

lysine biosynthesis pathway in fungi is different

#### 5 x 5 Rule

Heterotrophic

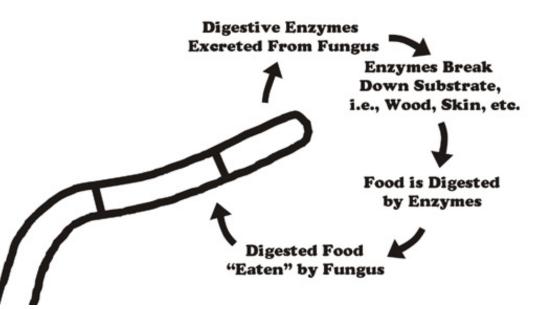
Digest then ingest: exoenzymes

glycogen

cell membranes have ergosterol,

Different lysine biosynthesis pathway





http://www.botany.hawaii.edu/faculty/wong/BOT135/hypha2.JPG

#### Fonts that are sans-serif are much easier to read

**Sans-serif font Serif font** Heterotrophic Heterotrophic Digest then ingest: exoenzymes Digest then ingest: exoenzymes glycogen glycogen cell membranes have ergosterol, cell membranes have ergosterol, Different lysine biosynthesis pathway Different lysine biosynthesis pathway

Times New Roman, Cambria

Calibri, Arial, MS Sans serif

## Modify figures if needed to emphasize your point

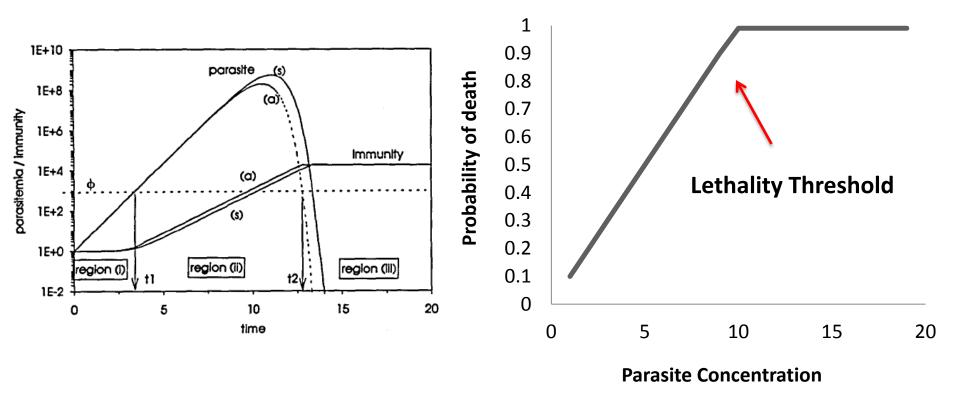
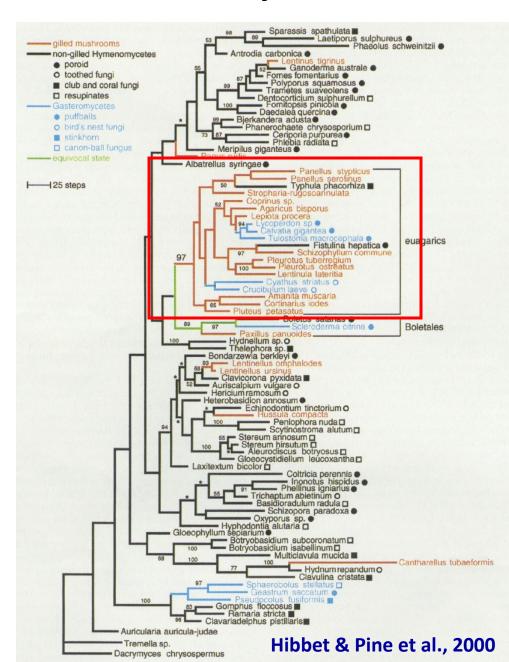
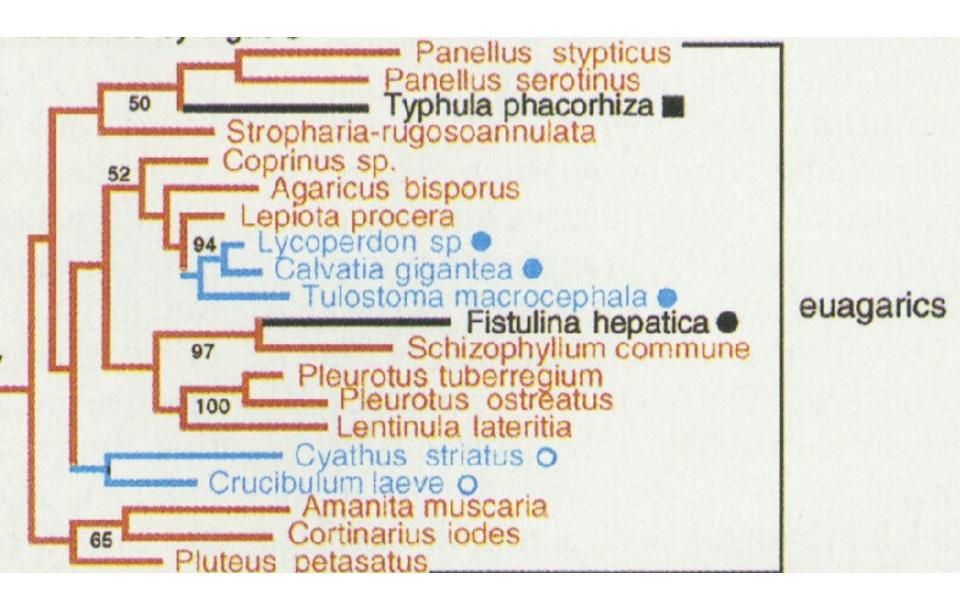


Fig A1. Antia et al. 1994

Modified from Antia et al. 1994

## Crop figures to focus on portions relevant to your talk





Hibbet & Pine et al., 2000

# High quality and consistent design of slides improves audience comprehension.

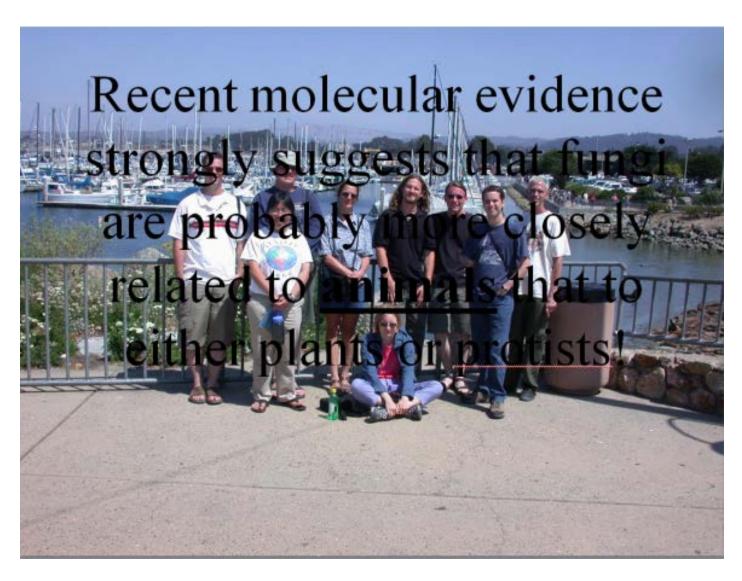
#### **Aesthetics**



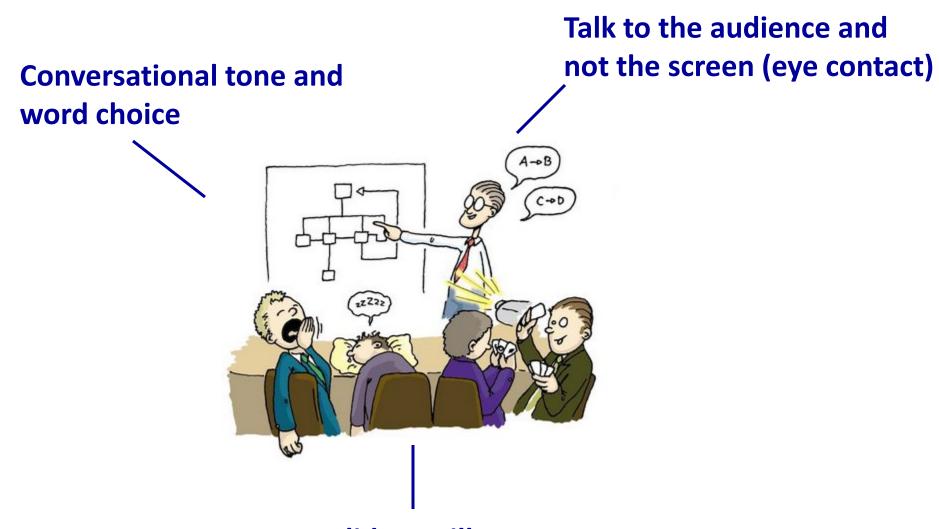
#### **Contrast**

Don't do this either!

#### Readability



## Oral communication is different from written



Use slides to illustrate your points (not vice versa)

## Practice your talk.

Practice out loud to a live human audience



Have them grade you using the seminar evaluation form

Student	Seminar Date		
A. ORGANIZATION		Points Possible	Earned
note due dates.    One varieties armines armin	ials produced and distributed. See the following check list and  week prior to seminar date, the speaker emailed the discussion lead  ded him/her with (1) short bio; (2) copy of one reference (review)  d(3) Outline of presentation. The seminar instructor was copied on  week prior to seminar date, the speaker uploaded, into the D2L Dxo  par Outline and Literature Cited section  school days before the seminar date, the speaker uploaded the pro- tint slides) into the D2L Dxopkox the Rowenpoint slides so that they or  by the seminar instructor.	the email. pbox esentation	
	to perform tasks by the due dates will result in an automatic five ints for each task missed, i.e., it is possible to lose a total of 15 po		
		15	
2. Subject material sho	ould be presented in a reasonable and meaningful sequence.	10	

## **Conclusion slide**

- include your take-home message
  - Be organized and concise
  - Professional uncluttered slides
  - Practice and don't read to your audience
- critical images from your talk

