



**How to put together a  
presentation that sparkles**

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# Outline

How to put together a scientific oral presentation

- Planning
- Effective Speaking
- Visual aids (slides)
- Do's & Don'ts
- Challenges

# How to put together an oral scientific presentation

## (Planning)

- Type (seminar, lecture, workshop)
- Audience (level, attention span)
- Length
- Location

# How to put together an oral scientific presentation

## (Effective Speaking)

- Be organized and clear
- Be enthusiastic
- Speak loud enough
- Build rapport and interact (eye contact)
- Avoid
  - Annoying mannerism
  - Unreadable slides (color combinations!)
  - Reading slides

# How to put together an oral scientific presentation (Visual Aids)

- Purpose:
  - Increase listener retention & interest
  - Your presentation notes & keep you focused
  - More persuasive & professional
- Type:
  - Slides/overheads
  - Flip charts
- KISS – keep it short and simple
- KILL – keep it large and legible
- Accuracy (no typos)

# How to put together an oral scientific presentation

## (Visual Aids - color)

- < 4 colors per slide
- Dark on light or light on dark
- Consistent background
- Avoid red-green contrast
- Do not use red text
- Use/adopt templates !

# watch out for unique things

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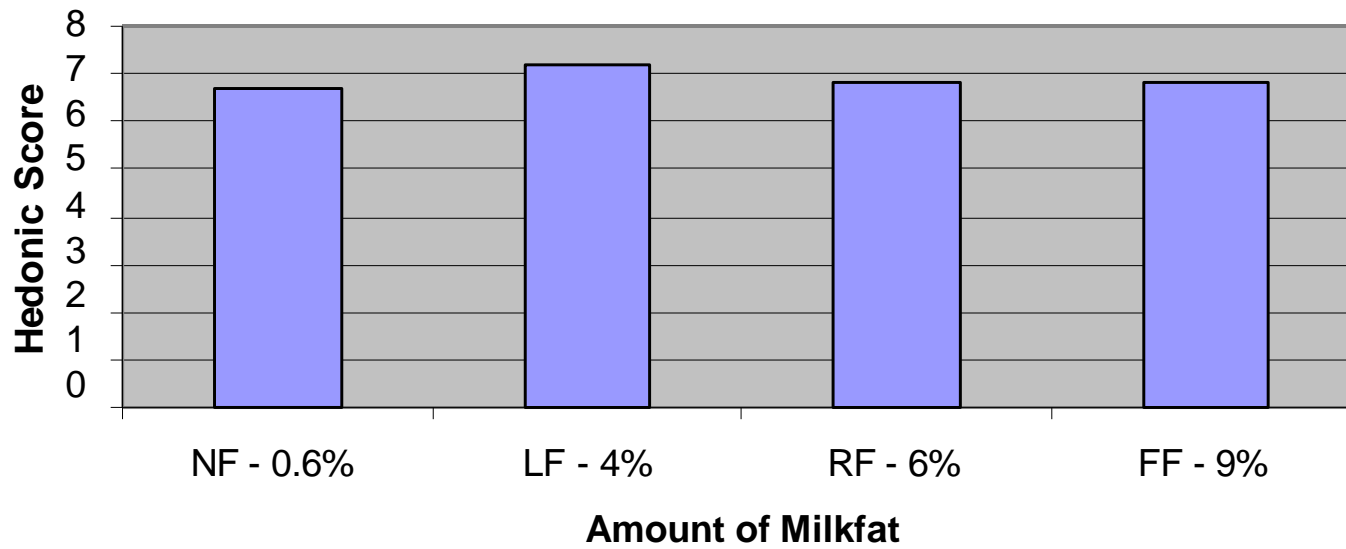
such as  
funny  
signs!



# How to put together an oral scientific presentation (Visual Aids - charts)

**Keep it simple!**

**Sensory Scores of Chocolate Ice Creams with  
Different Milkfat Levels**



oral scientific presentation

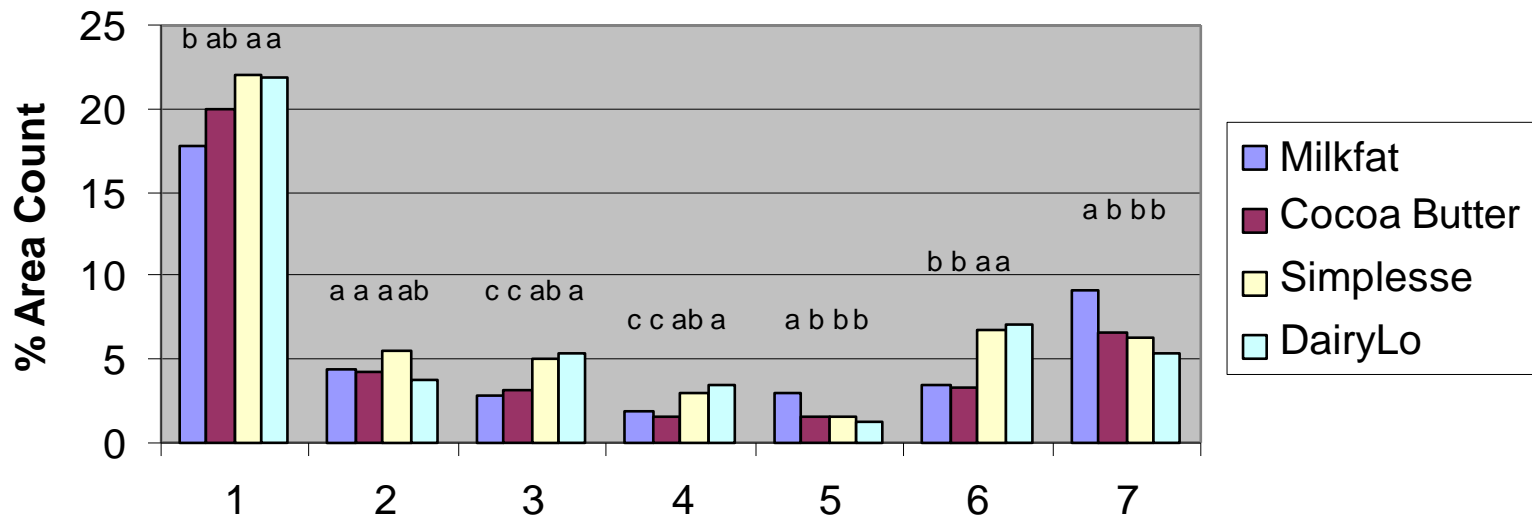


# How to put together an oral scientific presentation

## (Visual Aids - charts)

Too much info!

Volatiles with Significant Differences for Chocolate Ice Creams made with Different Fats/Fat Replacers



1=benzaldehyde; 2=2-ethyl-3-methyl pyr.; 3=phenylacetaldehyde; 4=2-ethyl-3,5-dimethyl&tetramethyl pyr.; 5=3,5-diethyl-2-methyl pyr.; 6=2,5-dimethyl-3(2-methyl propyl) pyr.; 7=2-methyl-5-propyl pyr.

# How to put together an oral scientific presentation

## (Visual Aids - others)

- **Tables**
  - Amount of info (select!)
- **Diagrams**
  - Line thickness
  - Contrast/colors
- **Cartoons**
  - Appropriateness!
- **Photos**
  - Degree of details
- **Videos**
  - Time
  - Make sure they work

# How to put together an oral scientific presentation

## (Do's & Don'ts)

- Do not write complete sentences on your slides, because people will just read your slides and not pay any attention to what you are saying; instead only have keywords on your slides that give you the clues as to what you wanted to say. This will also prevent you from reading your slides, which is the most boring way to give a presentation!
- A rule of thumb: 15-25 words per slide

# How to put together an oral scientific presentation

## (Do's & Don'ts)

- Keep slides and backgrounds simple
- Do not change backgrounds
- Amount of Information
  - No more than 5-6 ideas per slide
- Estimate Time
  - Appr. 45 sec / slide
- Use a pointer
- Avoid typo

# How to put together an oral scientific presentation

## (Challenges)

- Nervousness (practice in front of people)
  - Speaking too fast
  - Losing your train of thought
  - Freezing up
- Estimating Time (practice)
  - Too short (speaking too fast)
  - Too long (have an exit strategy)
- Practice, practice, practice

# Questions?

