برنامج "مهارات البحث العلمي" (10)

لمتابعة قدرات البحث العلمي لطالبات الدراسات العليا في اقسام العلوم والدراسات الطبية الفصل الدراسي الأول 1438/1439 هـ

محاضرة
"كيفية إلقاء بحث أكاديمي"

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How to Give Academic Research Presentation

برنامح (مهارات البحث العلمي العاشر)
 مركز بحوث الدراسات العلمية والطبية

يوم الاثنين 2/11/2017 الموافق 1439/3/2 هـ

د/ هزار إبراهيم يعقوب
استاذ مشارك | علم الأدوية | كلية الصيدلة
Contents

Introducing each other - 5 min
Brain storm - 10 min

Outline –
- Structuring your story
- Preparing your data/information
- Preparing and giving the presentation
- Concluding your presentation

Time management
Cultures
Game
Questions and answers
Brain storming

What do you think is the most important Characteristic of a:

1- Good speaker
2- Bad speaker

Please give one example of each
How to Give an Effective Presentation: Structure

- Basic rule
  - Say what you are going to say
    - 1-3 main points in the introduction
  - Say it
    - Give the talk
  - Then say what you said
    - Summarize main points in the conclusion
Tell a Story

Contents

- Prepare your material so that it tells a story logically
  - Subject: title, authors, acknowledgements
  - Introduction/overview
  - Method/approach
  - Results/information/analysis
  - Conclusion/summary

- Use examples, anecdotes, and significant details

- Create continuity so that your slides flow smoothly
  - Guide the audience through your story
  - Your last point on one slide can anticipate the next slide
Preparing Your Data

- Methods, Instrumentation
  - For most talks, only present the minimum

- Data Tables
  - Tables are useful for a small amount of data
  - Indicate data source if they are not your own
Preparing Your Data, continued

- Figures
  - ‘1 figure ≈ 1000 words’
  - Figures should be readable, understandable, uncluttered
  - Keep figures simple, use color logically for clarification
    - Blue = cold, red = warm, dark = little, bright = a lot
    - Invisible color
    - **Meaning attached to colors** (color blindness is more common than you think)
  - Explain axes and variables
  - Include reference on figure

Preparing the Presentation-show

- Average not more than 1 slide per minute
- MS Powerpoint is now standard
  - If you use something else, be careful to check it in advance
- No sounds! Some logical animations good
- Use 3-7 bullets per page
  - Avoid writing out, and especially reading, long and complete sentences on slides because it is really boring to the audience
- Slide appearance (font, colors) should be consistent
- Spell-check
What Font to Use

Type size should be 18 points or larger:

18 point
20 point
24 point
28 point
36 point

AVOID USING ALL CAPITAL LETTERS BECAUSE IT’S MUCH HARDER TO READ

* References can be in 12-14 point font
Color

Dark letters against a light background work

Dark letters against a light background are best for smaller rooms, especially when the lights are on for teaching.
Color

Light letters against a dark background also work

Many experts feel that a dark blue or black background works best for talks in a large room
Preparing Yourself...

- Immerse yourself in what you are going to say
  - Web of Science/Google it: use the latest news

- Make sure you are familiar with the projection equipment, remote control and Powerpoint
  - Bring your presentation on a memory stick AND a laptop with power supply AND an extension cord …
Audience

- Why and to whom are you giving this presentation?
- What do you want the audience to learn?

Rehearsing

Practice
Giving the Presentation

- Starting out is the hardest part of the talk
- Introduce yourself and the topic
- Then:
  1. Set the stage.
  2. Get ready to perform.
  3. Stride up to the podium.
  4. Stand tall and keep your chest lifted.
  5. Smile.
  6. Speak up.
  7. Take your time.
  8. Talk to the audience.
Concluding Your Content

- Announce the ending so that people are prepared
- Have only a few concluding statements
- Open up new perspective
Running Out of Slides

What to do:
- Don’t make a personal comment
- Summarizing your main points, but don’t be repetitious

Running Out of Time-- Avoid this
Culture ?

Time management
Questions and Answers

- Questions after your talk can be difficult but they definitely help you in writing up your research
- You can repeat the question
Conclusions

- Structure your content in a way that is comfortable for you
- Use your own style to your advantage
- Think ahead about where you might encounter difficulties and figure out ways to overcome them