HOW TO GIVE AN EFFECTIVE SCIENTIFIC PRESENTATION

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IMPORTANT SKILLS

Communicate scientific results More and more as part of job interviews

FEARS

- Looking stupid
- Completely flopping
- Being "ripped apart" by the audience
- Boring the audience
- Forgetting what to say

WHERE DOES FEAR COME FROM

- Thinking you need to be perfect to succeed
- Trying to cover too much in a short presentation
- Trying to please everyone
- Trying to emulate other speakers rather than simply being yourself
- Thinking your audience will be as critical of your performance as you might be

BE PREPARED

-Know your subject matter -Know your audience -Practice

REMEMBER

- All speakers suffer from nerves
- Good speakers practice and hard work
- Some adrenalin may help you to perform better
- PRACTICE (AND PREPARATION) MAKES PERFECT

If you fail to prepare, prepare to fail **Remember the nine o'clock news**

Tell them what you are going to tell them Tell them Tell them what you have told them

SIX THINGS TO BEAR IN MIND

- The aim of the presentation *the Why*
- The content the What
- The audience
 - the Who
- The learning/teaching method *the How*
- The environment the When and Where

WHAT ARE YOUR GOALS?

NOT:

- to show an encyclopedic knowledge
- to demonstrate statistical and methodological skills

ARE:

- Communication

- Communicating the right impression

WHAT DO YOU WANT TO SAY?

"Take what you know and make it sound like it is all you need to know."

- Only present a subset of your work
- Excess detail:
 - detracts from your presentation
 - may invite awkward questions
 - makes the audience switch off

Think about "Listener Energy"

STRUCTURE

- Opening
- Objective Explained
- 3 5 key points
- Bridge between points
- Summary
- Question time
- Close

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KNOW YOUR AUDIENCE

- Who are the participants?
 - Level? Background? Mixed?
 - What do they already know about the topic? (JARGON)
- Will they really be interested?
- How fast will they absorb the information?

- What are their prejudices, attitudes, beliefs?
- What do they want from you?

WHAT IS THE BEST WAY TO GET YOUR MESSAGE ACROSS?

- Hook
- Raise meaningful questions
- Use antagonists
- Give some sensible answers
- Humour?
- REPEAT YOUR MESSAGE

MAKE YOUR INFORMATION ACCESSIBLE

- Statistics/Numbers
- Use visual aids next week
- Handouts at the end
- Headlines informative
- Write to your time limit How?
- Practice out loud

BEFORE YOU START

- Be ready/on time
- Bring anything you might need
- Check your equipment
- Create a good first impressions-don't hide
- Take a few deep breaths and REMEMBER...

THE AUDIENCE WANTS YOU TO SUCCEED!!

BEGINNNING

- Check the time know when you have to end
- Introduce yourself
- Don't apologise
- Respect audience coffee break/last talk
- Opening sentences ready
- Let people know what to expect
- What are the rules?

WHERE TO LOOK

- Face the audience do not speak to your notes, your visual aids, or imaginary people.
- Check each slide
- Pause every now and then
- Maintain eye contact
- Gauge understanding one thought, one face

SPEAKING

- Some people are naturally quiet project voice
- too fast
- monotone, "ums" and "ahs"
- simple language where possible
- Positive language, no double negatives
- Try not to read word for word from the overheads
- But DO read or refer to your overheads

DO NOT

- Cling to furniture
- Clasp your hands in front of you or behind you
- Cross your arms
- Put your hands in your pockets
- Play with pointer, coins, keys, hair, jewellery, clothes
- Sway

DO

- Have your hands relaxed at your side
- Put down anything you are not using
- Use your hands for emphasis

MAXIMISE UNDERSTANDING

- Do not assume that your audience have absorbed everything from previous slides.
- Don't go off on a tangent or write new information on an overhead
- Do not speak on one topic while expecting people to read something else.

FINISHING UP

- Watch the time
- End clearly prepare closing sentences? "So..em...that's all"

QUESTIONS

- Notify in advance
- Anticipate questions and criticisms
- Listen to the whole question
- Repeat a question to the audience
- Don't be afraid to pause
- Accept a good point or critique
- Hostile questions
- It is OK not to know the answer –find out
- Peripheral detail
- Keep answers brief
- Additional information

WHAT IF SOMETHING GOES VERY WRONG?

- Stay calm
- Practice means you know your material
- Think back to what you want to say
- Be prepared

PRACTICE, PRACTICE, PRACTICE (tape/video?)

RECAP

- Get the audience interested
- Keep structure and language simple
- Use appropriate visual aids
- Speak clearly to the audience
- Stick to your time limit
- Stay calm
- PRACTICE

REFERENCES

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