From Paper To Presentation

01 June 2015 // An Academic Support Centre Seminar
Today:

• Planning
• Structuring a presentation
• Key phrases
• Visual aids
• Articulating & Projecting
• Using effective body language
• Dealing with nervousness
But first...

Why are good presentation skills important?
Planning: 3Ws + H

Who? What? Why?

+ 

How?
A presentation is about an IDEA (not a paper)
Introduction

Methods

Results: 3-5 points with evidence (3-5 slides)

Discussion: with results? separate slide?

Conclusion: Summary & Significance (TAKE AWAY) (1 slide)
**Introduction:** Greeting, problem/question, motivation, give away the ending (?), forecast structure (1-3 slides)

**MIDDLE**

**END**
Structure

- **Introduction:** Greeting, problem/question, motivation, give away the ending (?), forecast structure (1-3 slides)

- **Methods:** (1 slide)

- **Results:** 3-5 points with evidence (3-5 slides)

- **Discussion:** combine with results or separate slide(s)?

END
• **Introduction**: Greeting, problem/question, motivation, give away the ending (?), forecast structure (1-3 slides)

• **Methods**: (1 slide)

• **Results**: 3-5 points with evidence (3-5 slides)

• **Discussion**: combine with results or separate slide(s)?

• **Conclusion**: Summary (main result) & Significance (takeaway!) (1 slide)
Signposting: verbal punctuation (structure)

(Key phrases handout)
Audience Interest

Articulation & Projection

- Check pronunciation
- Articulate numbers and key facts
- Stress important words
- Vary voice quality and show emotion
- Pause (!!!!!)
- “Project” doesn’t just mean “speak louder”

We used the Kuznets curve to see the relationship between economic inequality and economic growth.
• Visual aids can go really wrong. It’s never a good idea that your visual aids trump you as the presenter.
• PowerPoint has, unfortunately, encouraged lots of people to present slides (or worse...just read them) instead of deliver a speech.
• This is not inspiring.
• PowerPoint also has horrible effects, transitions, and clip art made much too available. Ignore most of these. Actually, never use clip art. Just don’t.
• How do you like reading entire sentences as bullet points?
• How do you like my reading entire sentences as bullet points on the screen that you can read faster than I can speak?
• Hey look! A cat!
Near-Term Power Plant Economics with CO₂ Allowance Costs

Estimated Power Plant Electricity Costs in 2025 for Various Technologies (includes the cost of CO₂ of ~$50/metric ton)

- To illustrate the economics of operating existing and new power technologies, the chart shows the cost of various technologies when the projected CO₂ allowance prices are included.

- Projected CO₂ allowance prices of roughly $50/ton in 2025 increase variable costs of existing plants powered by fossil fuels to the point where many are likely to shut down.

- However, S. 2191 provides significant incentives for CCS technology for coal plants in the form of bonus allowances, resulting in earlier penetration of advanced coal with CCS.

Notes: For the case with bonus allowances, the variable, capital, and fixed O&M costs are actually an aggregate of the solid part and the hashed part but the net cost is only the solid part. For this illustrative calculation, EPA used a conservative efficiency metric for existing coal plants (10,000 Btu/kWh), which most plants currently meet or exceed. The marginal energy cost is defined as the cost of production of the most expensive unit operating in that hour. It includes the cost of fuel, variable O&M cost and the cost of environmental allowances. The capital costs used here are from RPM v3.01, which relies upon EPA capital cost data from AEO 2008. More recently, capital costs have increased with increasing international demand for raw materials. It is not clear how the market will respond to these price increases and whether these increased costs will be sustained over the period of the analysis.
Less is (usually) more
Nervousness...
Dealing with Nervousness

Prepare  Reframe
Practice  Visualize
Plan  Breathe
Pause
Be Inspired!

TED
Ideas worth spreading

1 2 3
Works Consulted


