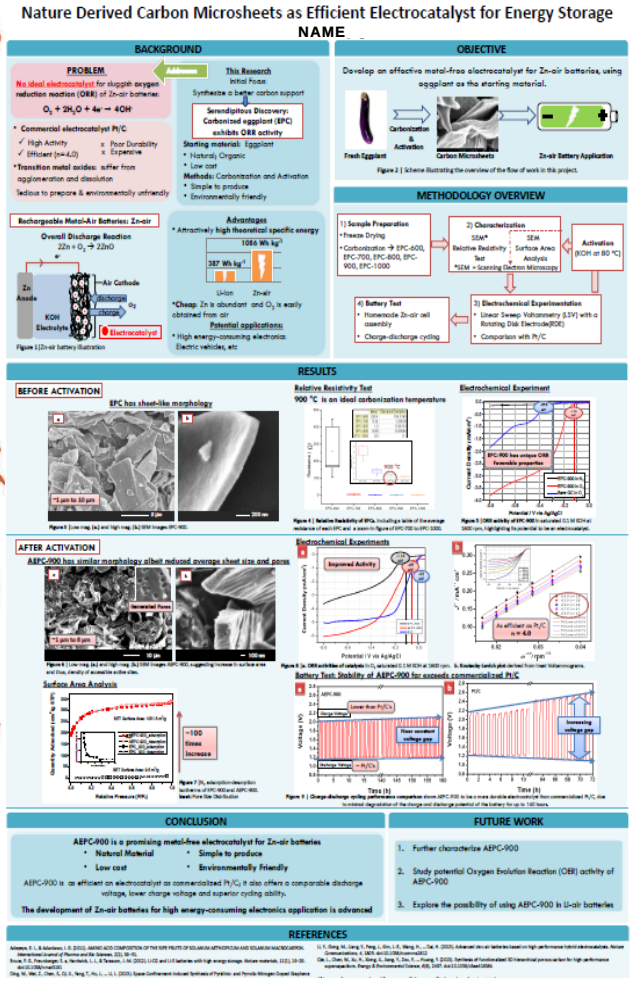
POSTER DESIGN AND PRESENTATION

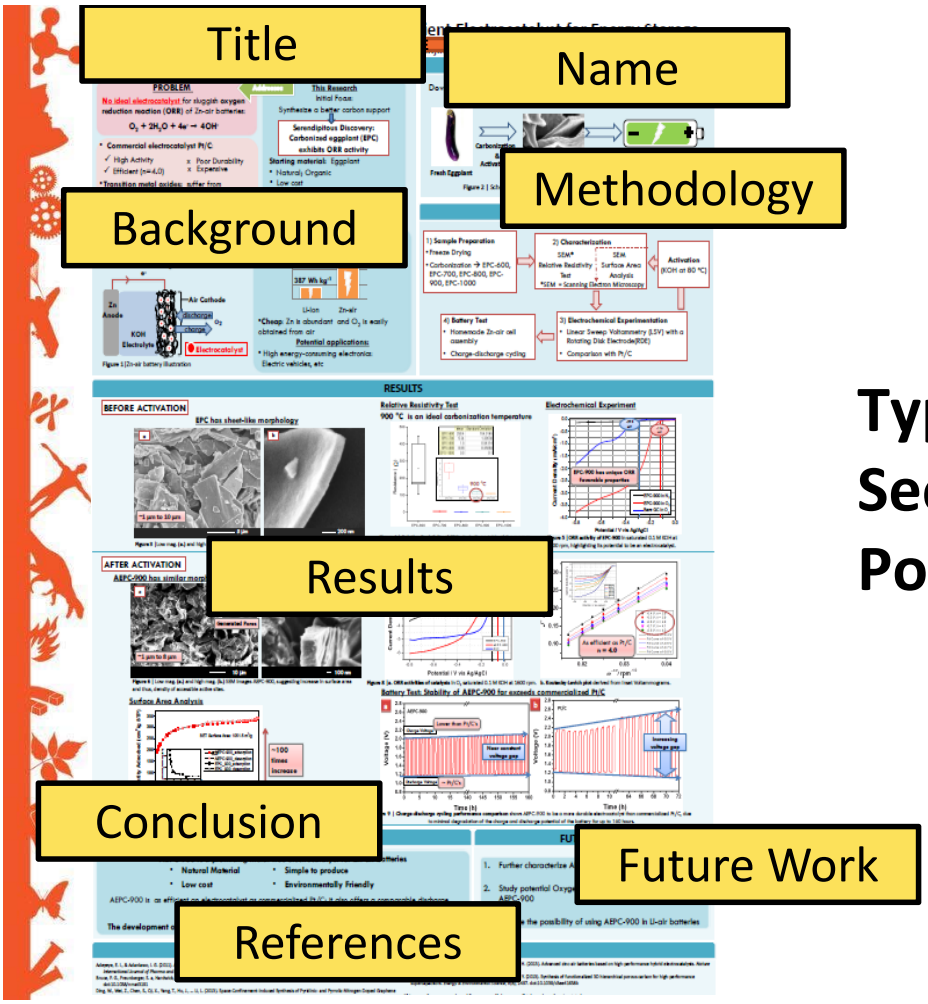
(WHAT TO DO AND WHAT NOT TO DO)

Part 1: Poster Tips

Poster

- Reflect only the research done in 2017
- Focused
  - Be concise and clear about the message for the reader
- Organised
  - Follow a logical sequence
  - Have clear headings
  - Let the graphs / images tell the story effectively
  - Use text sparingly – neat and uncluttered
- Easy to read
  - Use **font sizes** that can be read from at least 1m away
  - Have sufficient white spaces around your text
  - Avoid fancy fonts like this





Typical Sections in a Poster

Title

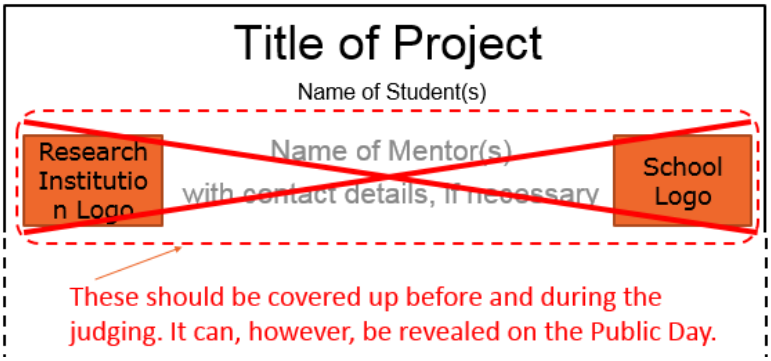
Nature Derived Carbon Microsheets as Efficient Electrocatalysts for Energy Storage

Immobilisation of Glycans on Silicon Substrates for Diagnostic Microarrays

- Clear and Concise
- Use simple words
- Describe the project clearly

Title

- **Title** of your project should be **clearly displayed**
- Any reference to an institution or mentor that supported your research should be covered during the judging process.

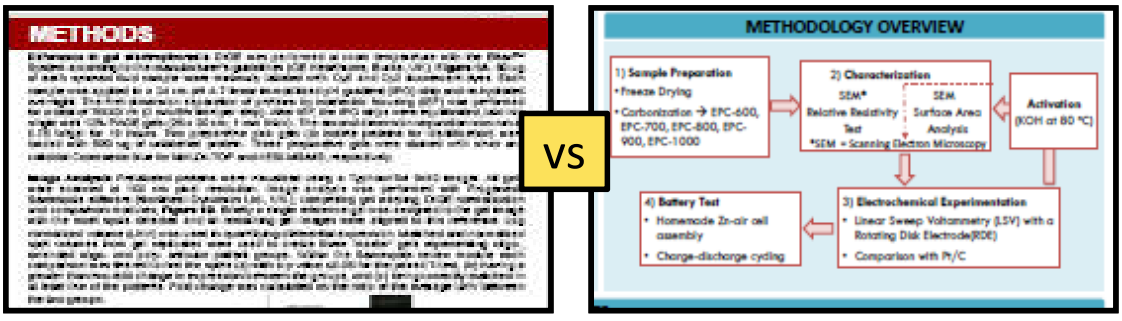


- For **H3 projects**, no references to H3 examination allowed (examination labels, candidate index, title of H3 programme and examining agency must be removed)

Background/Objective

- Must have! Provide a context as to why you are doing this project

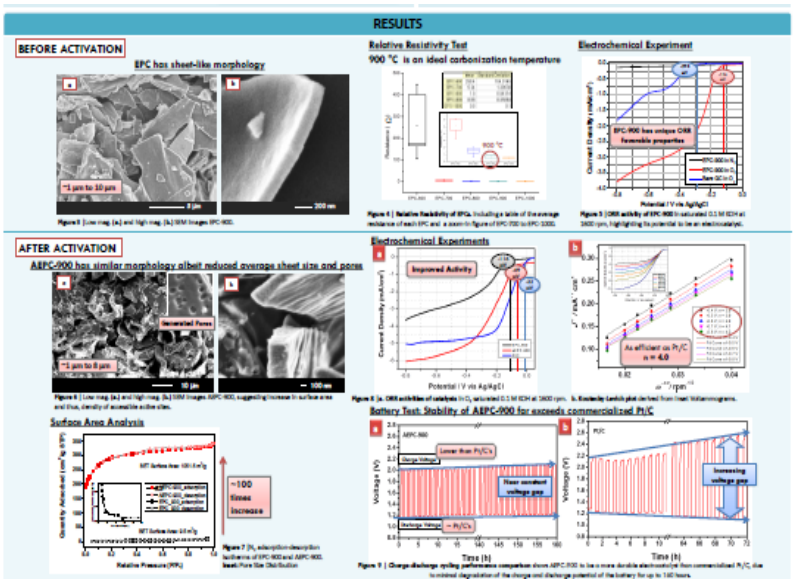
Methodology



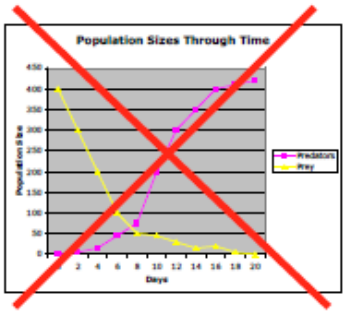
- Briefly describe what you did
- Use figures and flow charts instead of words

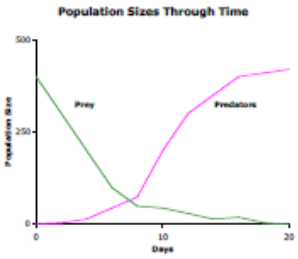
Results

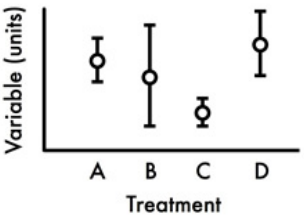
- Most important part of your poster
- Should occupy **prime location** in your poster
- Present data in a **logical** order



Graphs / Tables

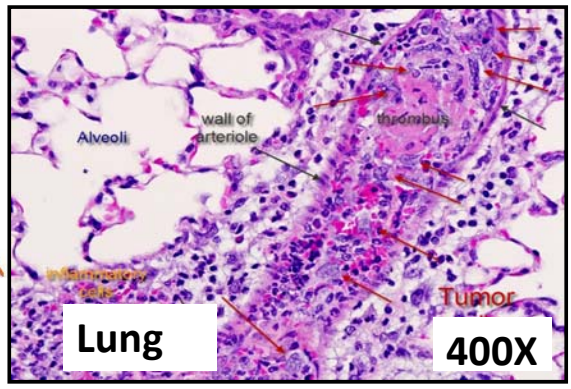


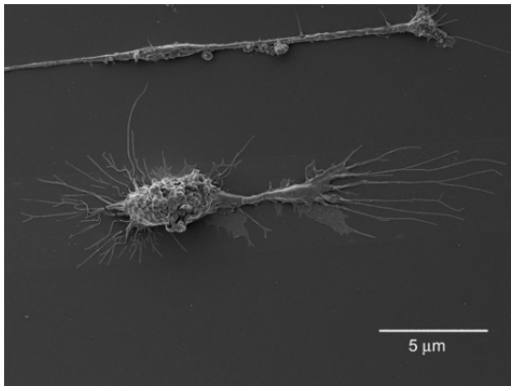




- Context of project will determine how data is presented
- Label axes / Headers with units, etc
- **Interpretation of the data >>> raw data**
- **Relationships / trends >>> exact values**
- Detailed grid lines, markers on axes can be omitted
- Show variations using line plots

Images

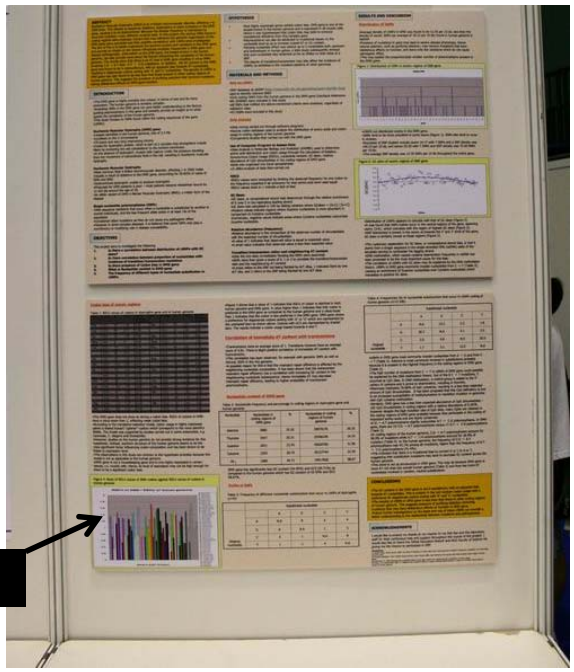




- Should be clear and well labelled
- Contrast
- Microscopic images should have scale bars or magnification stated

Images

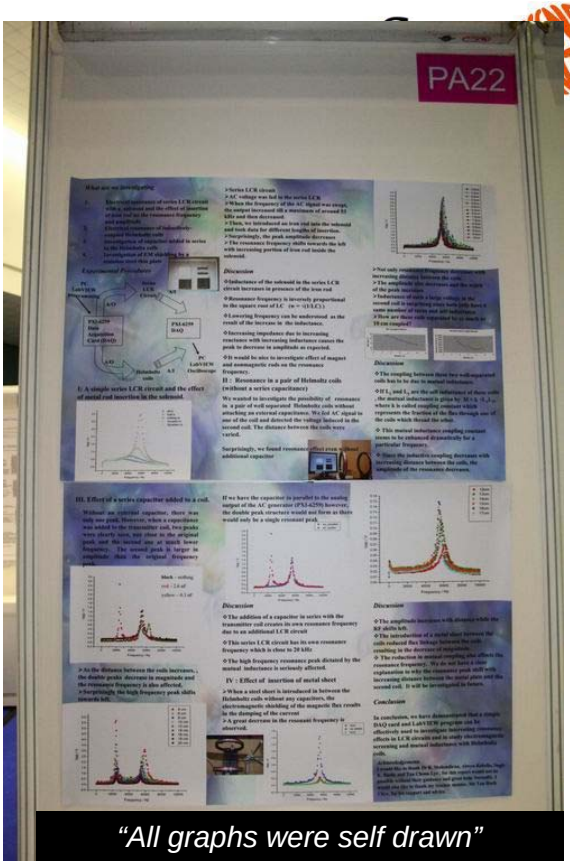
- All images, graphs, photos must be acknowledged. e.g. **"photograph taken by…"** , **"all photographs were self-taken"** or **"Image taken from…"**, **"graph was self-drawn…"**



"Graph was self drawn"

Images

- If all images, etc. being displayed were taken or created by the finalist or are from the same source, one credit line prominently displayed on the poster is sufficient.



"All graphs were self drawn"

Part 2: Presentation Tips

Profile of Judges

- Scientists / Engineers / Academics
- May or may not have a PhD, but definitely has some knowledge in the field of your project
- Limited specific knowledge of your area of research

Presentation panic?

The judge is not there to

- find fault with your work
- fail you / eat you up

Instead, the judge is there to

- **Understand** your work better
- Ask questions about your work
- **Assess** whether you understand what was done
- Provide **advice** for improvements

What you can control ☺

- Be **on time**
- Be **well prepared** (know your project inside out!)
- Appearance: **Neat, tidy**
- Body language: Be calm, make **eye contact**, **smile** ☺

- Prepare a **short** presentation of your work
  - Introduction (0.5 min)
  - Main Results – **unique selling points** (1.5 min)
  - Conclusion (1 min)
- **Point** to relevant sections of your poster when presenting

Good communication principles

Explain **simply**

- What did you do?
- Why did you do it?
- Why is it important?
- How can it be used?

Prepare well!

(If you can't explain it simply, you don't understand it well enough.)

Q&A

- **Listen** carefully to the questions
- **Think** about your answers
- **Clarify (or paraphrase)** if you do not understand the question

- **You know your work best, but it's okay to not know everything**

- For more tips on how to do well for the poster presentation, do visit the following website:

https://nau.edu/undergraduate-research/poster-presentation-tips/