

# University challenged

*The benefits and challenges of collaborations between museums and academic institutions.*

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# This session

- Museums and academics: a match made in data heaven?
  - What does each part of this partnership gain from their involvement?
  - What are the challenges of these processes?
  - How is the information collected used between the teams?



# Increased capacity for data collection and analysis



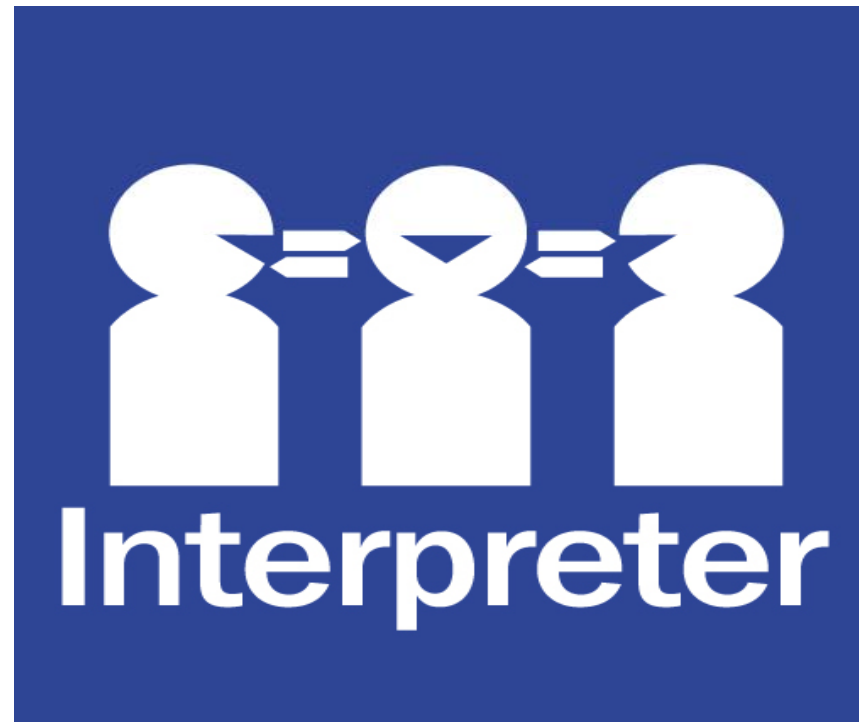
# Availability of new techniques and approaches



# Challenge of institutional working time frames



# Challenges in implementation



# ‘Building Bridges’

Students should come away with...

- New ideas about why science is important to everyone, and how it’s important in their lives.
- The ability to communicate these and other ideas clearly and in a way that will inspire people.
- An increased enthusiasm for science, leading to an active pursuit of this interest in the following years.



# Key hypotheses

- Single node v Multi node
- Does informal in and out of school engagement with science help to maintain student interest in the subject?
- Investigating the importance of parental involvement



# Benefits

- New ideas and direction
- Should be beneficial to teachers
- Could help to extend the life of the project
- Evidence for/against our ways of working

# Challenges

- Communication: keeping up to date and on the same page
- How to achieve teacher buy-in?
- Who presents the findings, and how?
- Time lag: can results inform current programme?

# Benefits

- Greater objectivity



# Challenges

- How closely should we/the funders manage the research team?

# Why?

1. Practice based research
2. New perspectives (theory etc)
3. Passive vs. active project roles
4. New knowledge & papers



Please do not eat or drink in the Museum





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