

# Sharing best practices

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### **Intended Learning Outcomes**

- Provide a capstone review of best practices and resources from course participants.
- Consider the similar challenges encountered by the group, regardless of specific context.

# Vast array of health professions

- Nursing, medicine, pharmacy, dentistry
- Phlebotomy
- Massage therapy
- Radiography
- Paramedic
- Health Educator
- Clinical anatomist

- Chiropractic medicine
- Acupuncture
- Medical device companies
- Management trainer
- Anthropologist
- Occupational therapist
- Traditional Tibetan
   Medicine

INSTRUCTIONAL METHODS IN HEALTH PROFESSIONS EDUCATION



### **Course overview**

- Adult learning theory and understandings of knowledge, learning styles, and identity formation
  Theoretical frameworks for ILOs
  - Bloom's taxonomy, Miller's pyramid, Dreyfus model
- Assessments
- Various pedagogies and teaching strategies

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# Oral presentations

### **Gagne's Nine Events of Instruction**

- Gain attention
- Inform learners of objectives
- Stimulate recall of prior learning
- Present the content
- Provide "learning guidance"

- Elicit performance (practice)
- Provide feedback
- Assess performance
- Enhance retention and transfer to the job

Robert Gagne (1916-2002), The Conditions of Learning, first published in 1965 HT: Sharon Richard



# Engaging quiet students

- "They don't think they have anything worthwhile to say or worry about seeming stupid."
- "They are not engaged with the material the way it is delivered."
- "They don't understand the material too complex and there is too big a cognitive gap."
- "They are just shy personality, socially anxious in big classroom setting."

Written by Stephen Phua

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# **Technology** Tips

- Powerpoint alternatives
  - Prezi
  - Slideshark
  - Jing
- Cross tabulation application
   Medical statistics and formulas

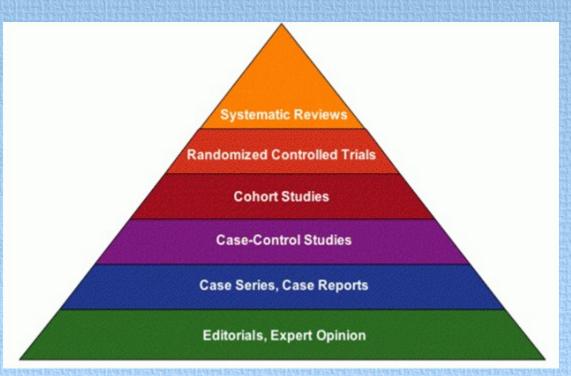


# Teaching with data

- Variety of ways to present data
  - graphs, tables, videos, worksheets
- How to assess quality of the information
  - Levels of evidence
  - Editorials, Case reports, Case-control, Cohort, Randomized controlled trials, Systematic reviews
- Small groups and Journal clubs
- Evaluating quality of evidence using similies
  - Richard Alexander Harpin uses car sales data and ratings

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# Levels of Evidence



#### HT: Stephen Phua

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### Art, literature, or music elements

- Museums
- Creating video clips
- Origami
- Music/rap
- Drawing

- Movies
- Cartoons
- Rhyming verse
- Quilting
- Embroidery – (HT: Peter Cahn)



# In closing