

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

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

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

Technology Tips

- Powerpoint alternatives
 - Prezi
 - Slideshare
 - 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 similes
 - Richard Alexander Harpin uses car sales data and ratings

Levels of Evidence



HT: Stephen Phua

Art, literature, or music elements

- Museums
 - Creating video clips
 - Origami
 - Music/rap
 - Drawing
 - Movies
 - Cartoons
 - Rhyming verse
 - Quilting
 - Embroidery
- (HT: Peter Cahn)

In closing