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

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
  - 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 similes
  – Richard Alexander Harpin uses car sales data and ratings
Levels of Evidence

- Systematic Reviews
- Randomized Controlled Trials
- Cohort Studies
- Case-Control Studies
- Case Series, Case Reports
- Editorials, Expert Opinion

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