

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

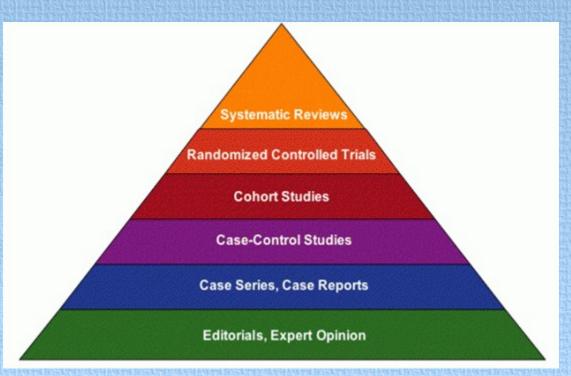


Teaching with data

- 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