







Note that You are Key and as a collective you are invited to co-address/construct meaning

- Living my educational values
- Introducing innovative ideas and whole brain (participatory) action research; auto-ethnography as self-study
- Your active participation
- Your critical observations

Based on the ontological-epistemological questions: Who am I? (AR)
Who are we? (PAR)



# Let's Play the Diversity Game ...



- Individually prioritise the 6 cards received in order of preference
- Which one suits your way of doing best; which one does not really fit?
- You have 30 seconds



Compare your choices with your neighbour(s) especially discuss your first and last choice (30 seconds)



### What is your preference?

- What do we learn from this simple exercise?
  - Comfort zone: Challenge beyond comfort zone
  - Need for adapting teaching/thinking/research
    - becoming an adaptable professional
    - whole brain thinking
  - Challenge students beyond comfort zone (maximizing potential)
- Impact on: Professional development
  - Scholarship of teaching (andragogy)
    - Research scholarship
    - Scholarship of engagement



# **Practical Application**

 Write down the first observation that comes to mind when looking at the next scene on the screen

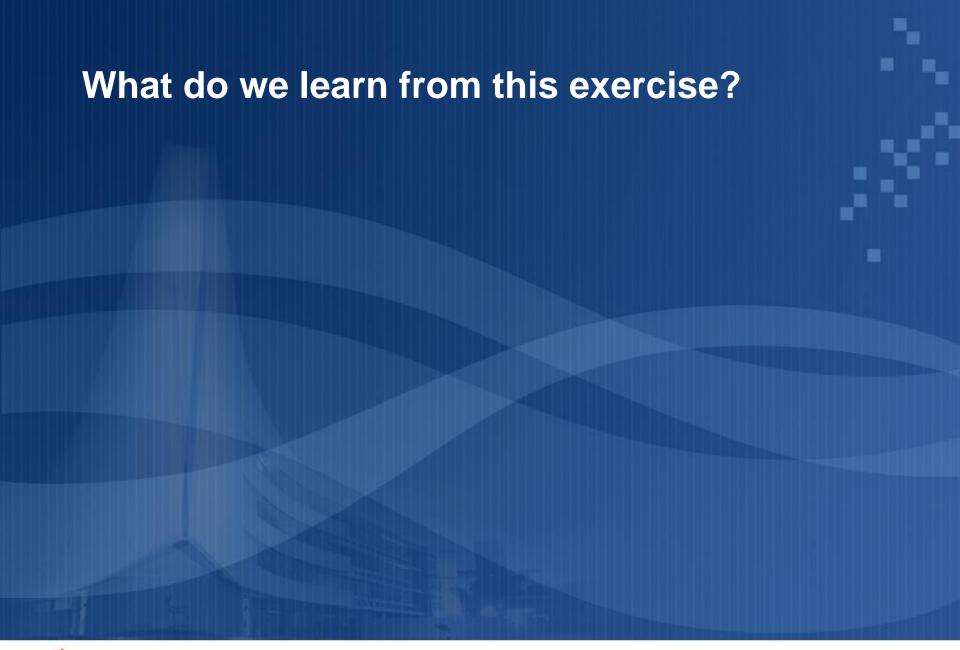




#### Let's compare ...

- Responses by those with blue cards ...
- ... responses by the greens ...
- ... the **reds** ...
- ... the yellows ...

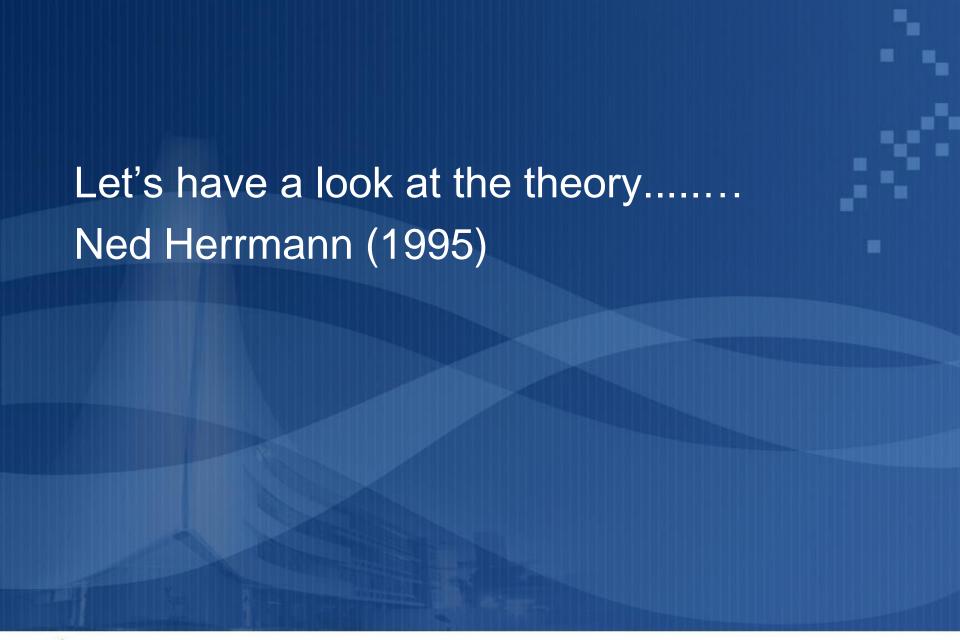




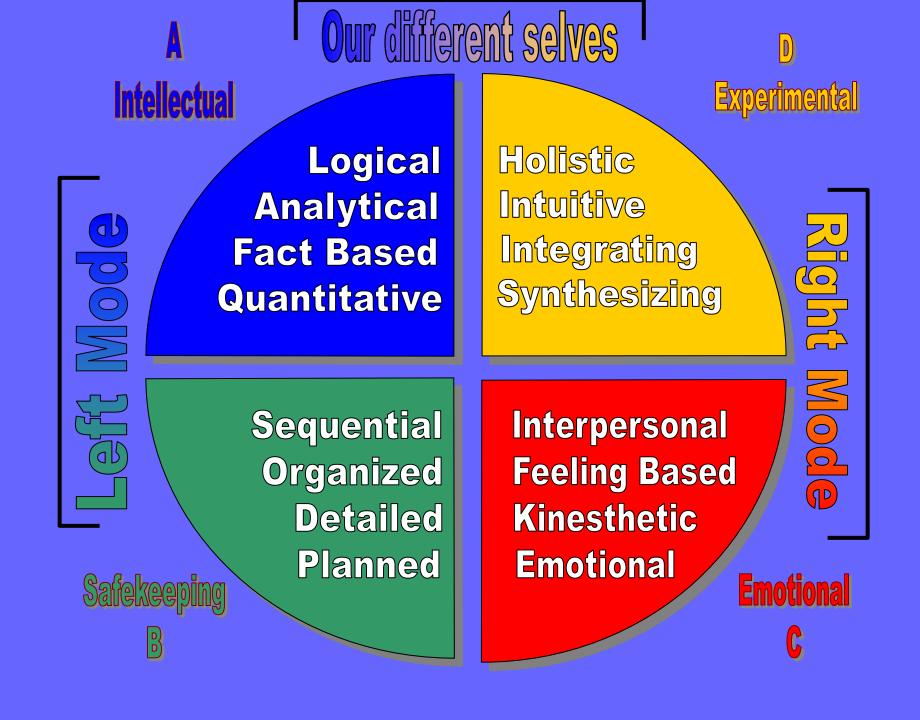




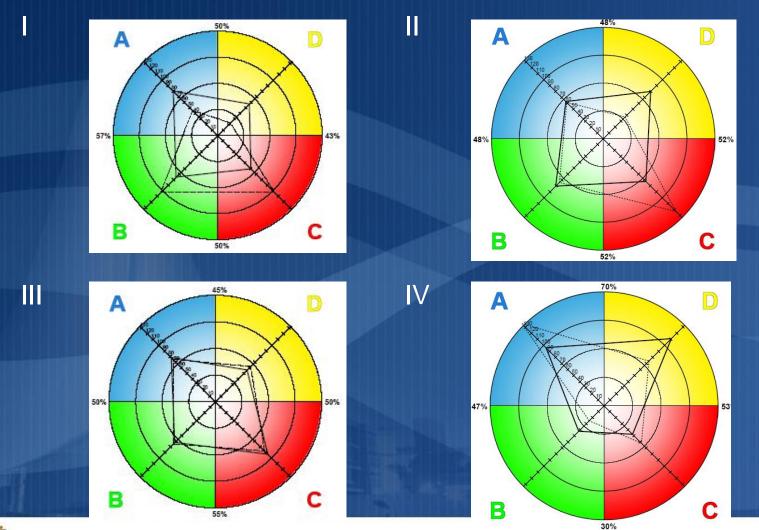






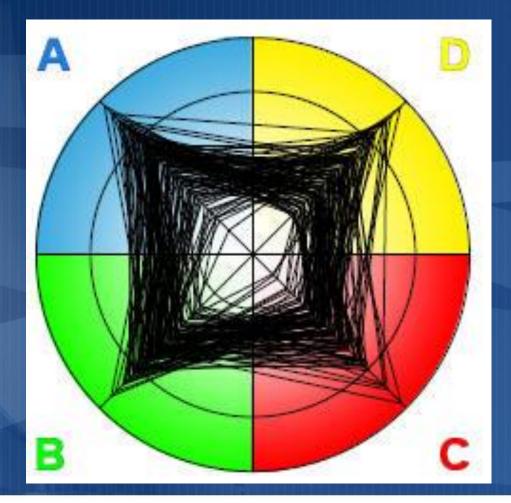


# **Examples of Individual Profiles**

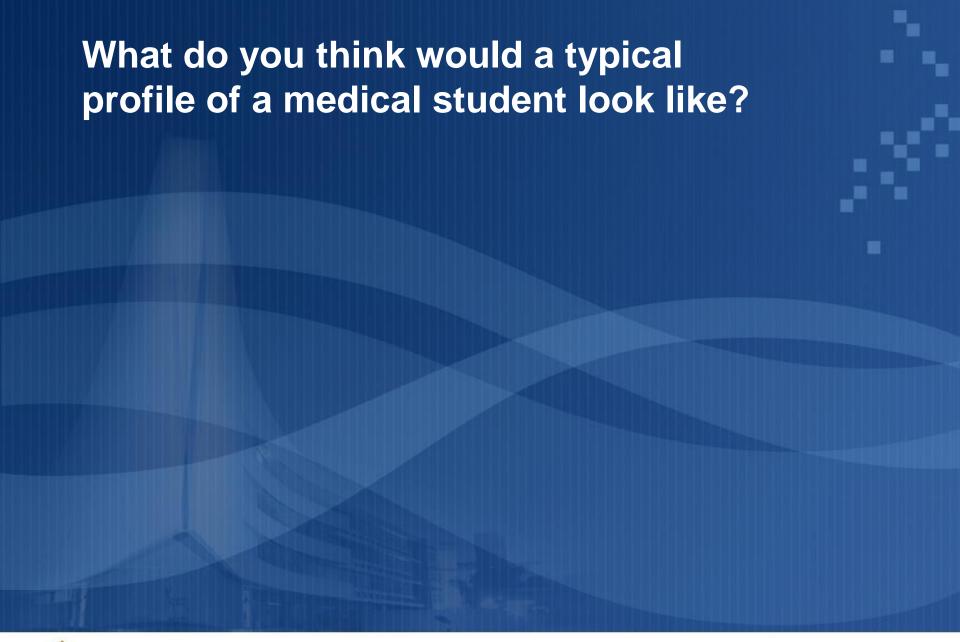




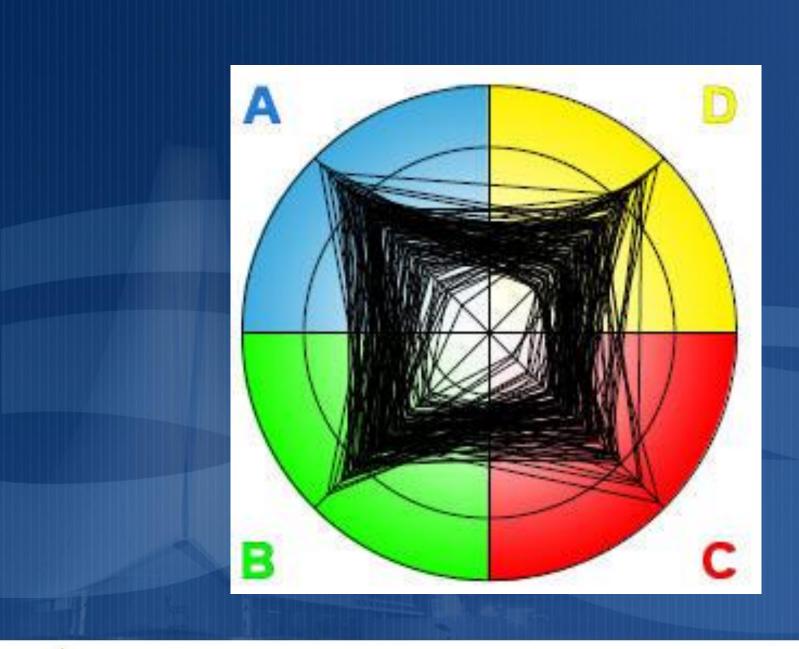
# First Year Composite Group Profile (n=1004)



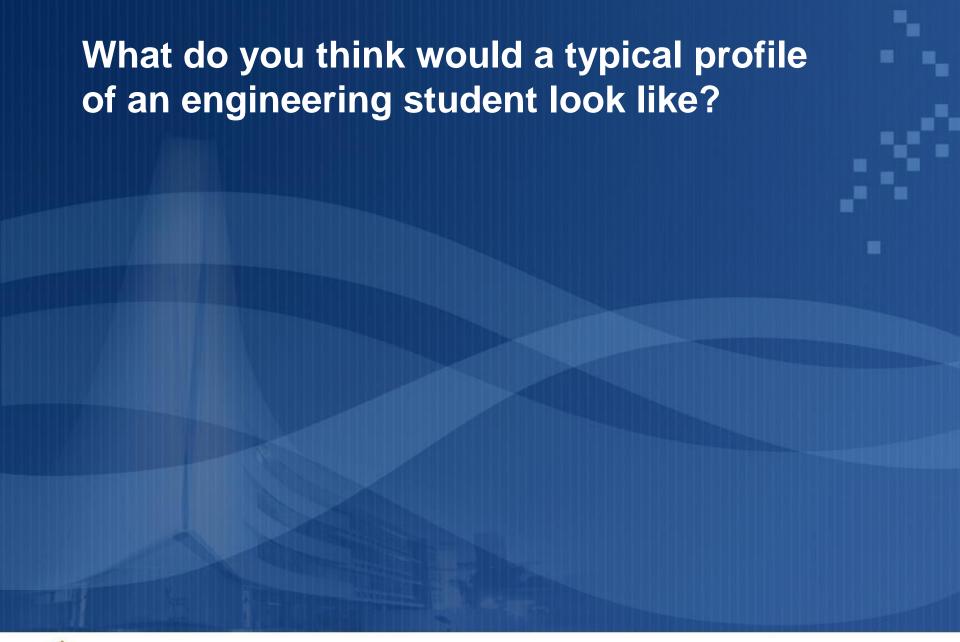




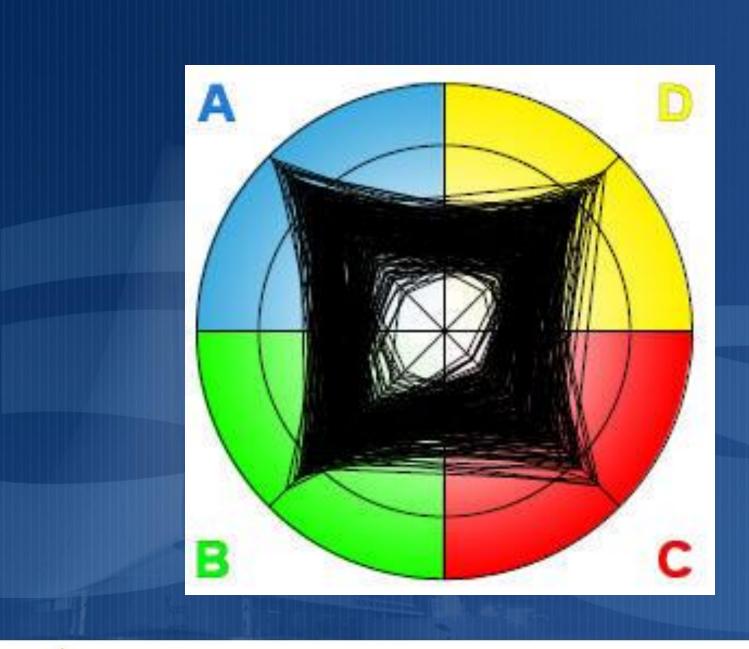








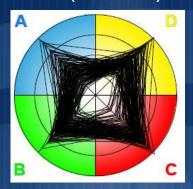




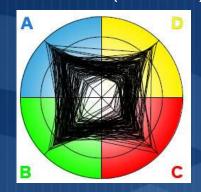


### **Group Profiles**

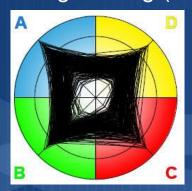
IT (n = 132)



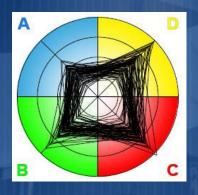
Medical (n = 103)

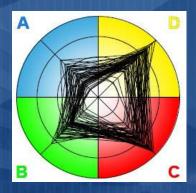


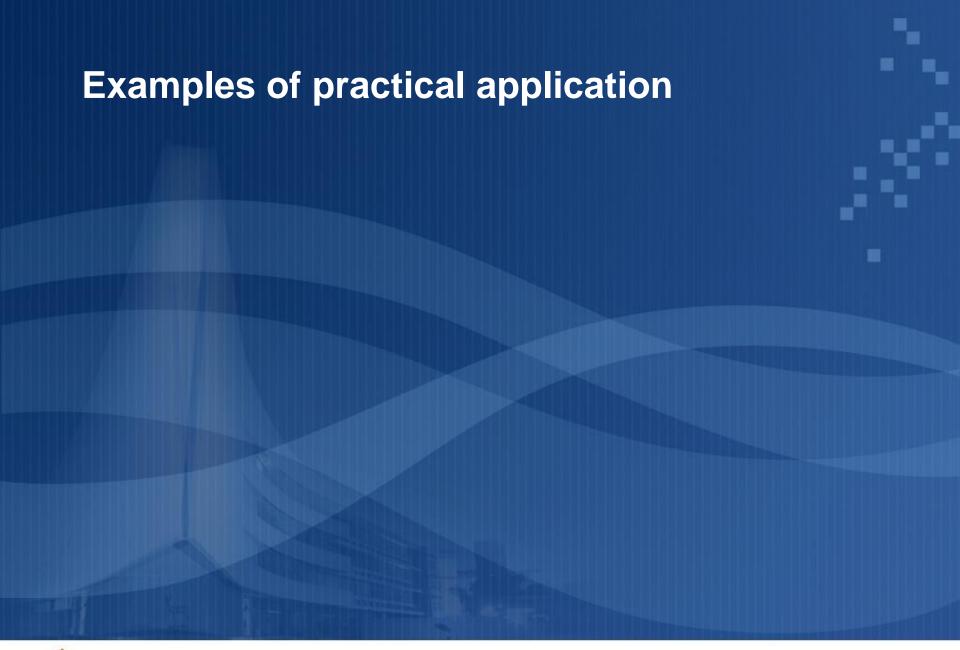
Engineering (n = 220)



Psychology (n = 71) Drama/Music (n = 55)









# **Example** from Dentistry

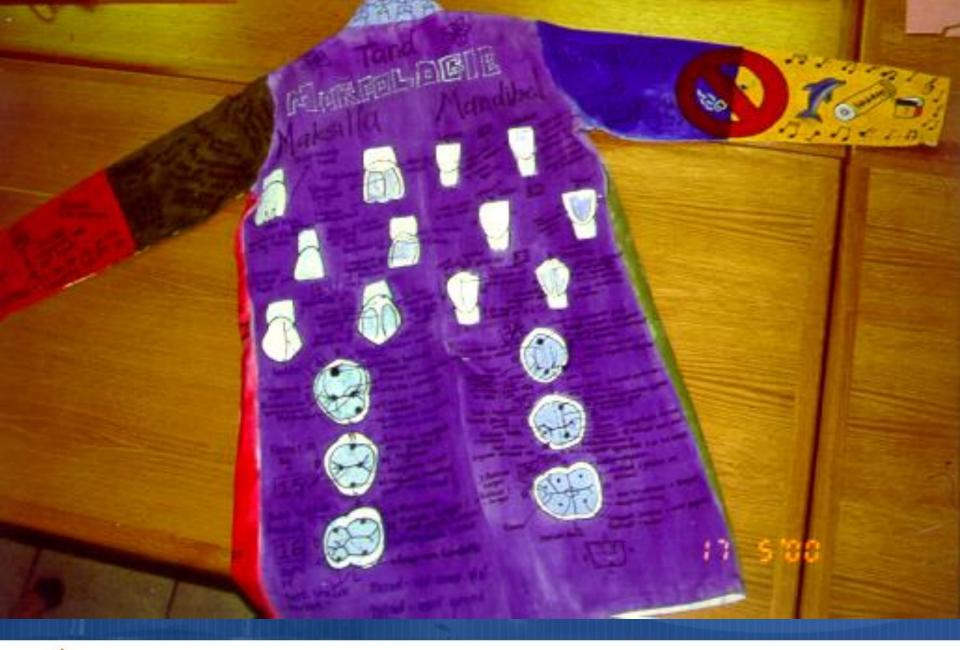












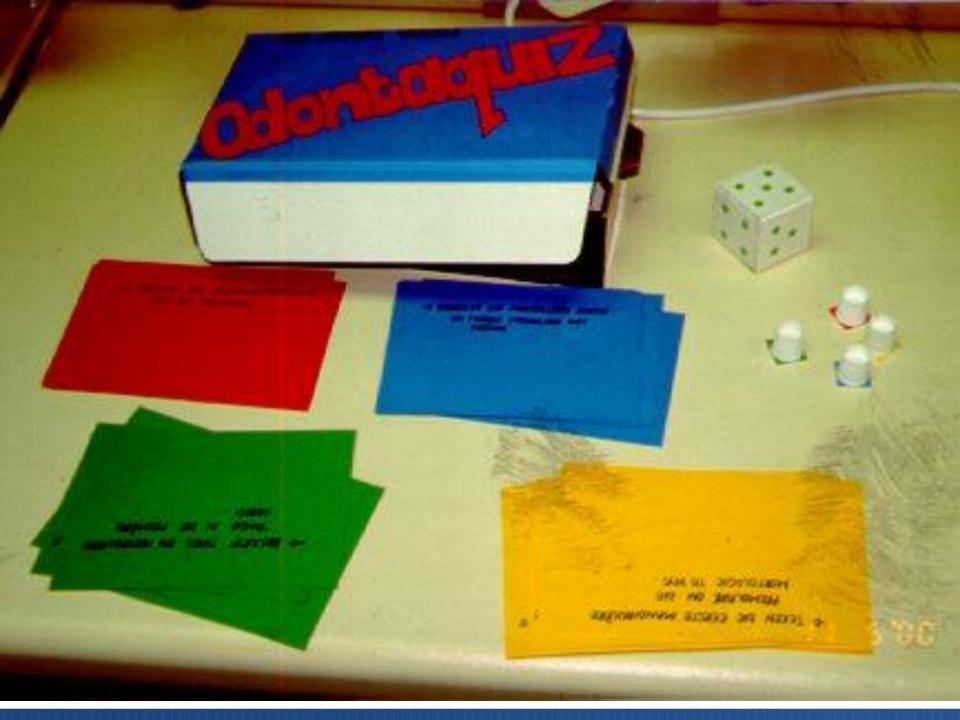






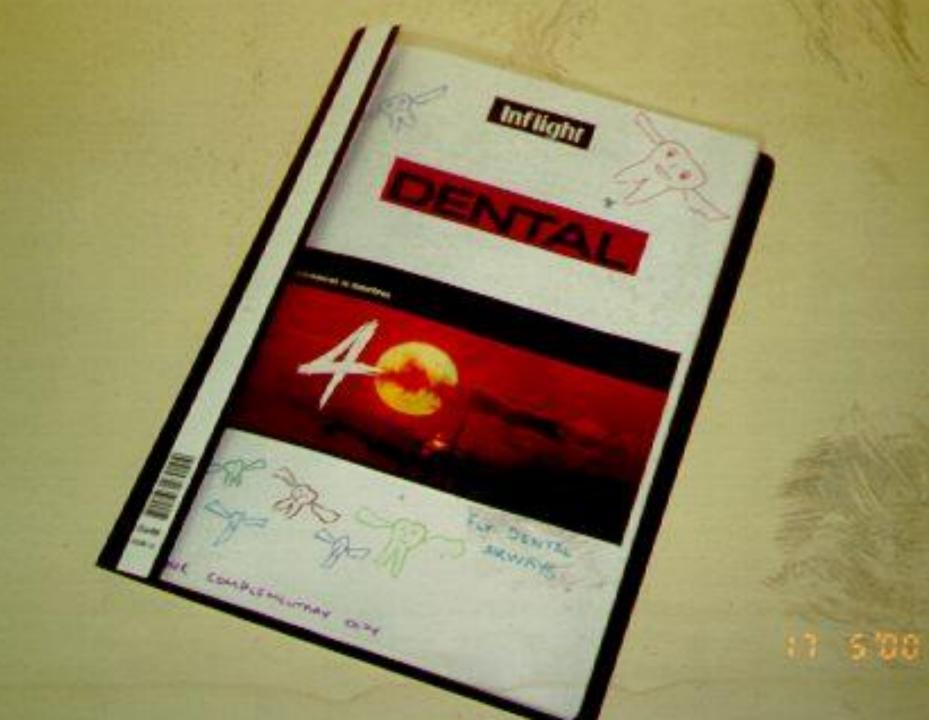


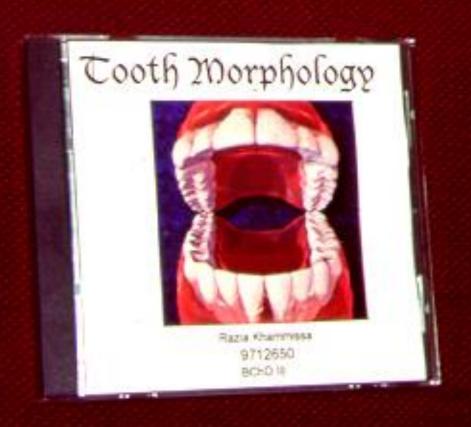
















**Examples from Taxation** 

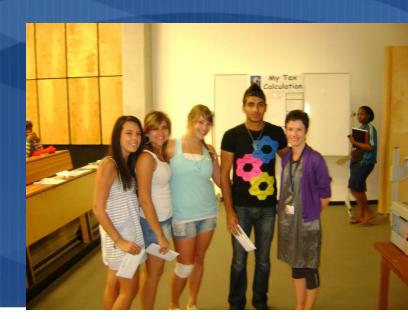




BUSINES!

## Celebration







### AR studies across institution(s)

PGCHE students implementing (constructed) ideas in own practice:

- Veterinary Science
- Health Sciences: Public Health, Anatomy, Nursing
- Foundation for Professional Development
- Authentic assessment: Publications, conference papers (e.g. of 12 (former) students at HELTASA)



# PAR through academic staff development initiatives

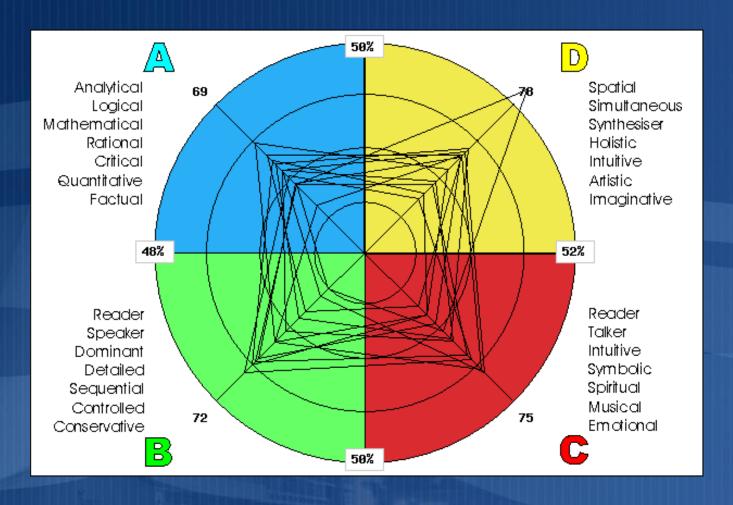
- Family Medicine, Public Health
- Economic and Management Sciences: Taxation
- Engineering: Information Science (8 000+ first-year students)

#### Education innovation awards

- Institutional
- National



#### Composite group profile of department





## Let's get the energy flowing

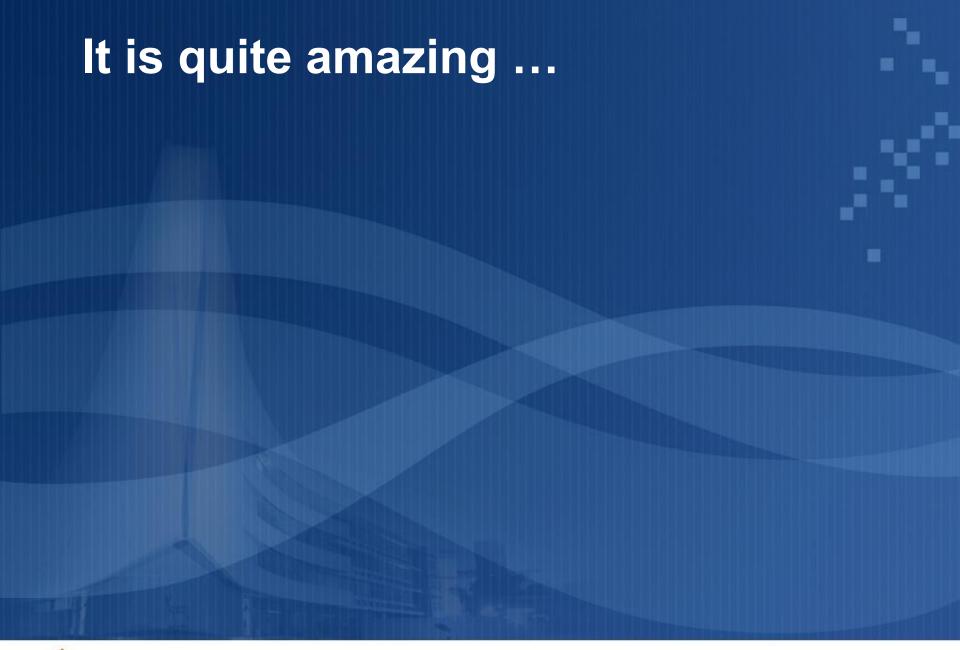
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What do you see on the next slide?

Is the figure turning clockwise or anticlockwise?









If you see this lady turning in clockwise you are using your right brain

If you see it the other way, you are using left brain

Some people do see both ways, but most see it only one way

If you try to see it the other way and if you do, your IQ is above 160 which is almost a genius

Then see if you can make her go one way and then the other by shifting the brain's current

**BOTH DIRECTIONS CAN BE SEEN** – Proved at Yale University, over a 5 year study on the human brain and it's functions. Only 14% of the US population can see her move both ways.



# What is your current understanding of AR?

Share your ideas with your next-door neighbour

- ... and PAR?



#### **Action research**

- Focus of research is on the /self
- taking responsibility for monitoring My practice/professional learning
  - investigating/learning about Me
    as professional

Intrapersonal = Self-study



# PAR: Scholarly community of practice

Focus of research is on Us/the We

We taking responsibility for monitoring OUI practice/professional learning

We investigating/learning about Us as professionals

Interpersonal = self-study as a collective



How do your ideas about AR match the following?

To research actively is to plan, act, observe and reflect more carefully, more systematically, and more rigorously than one usually does in everyday life; and to use the relationships between these moments in the process as source of both improvement and knowledge (Kemmis & McTaggert)

My adaptation: ... of both emancipation/empowerment; transformation and new meaning making/constructing new meaning



Collaborative, critical enquiry by the practitioners themselves (rather than expert researchers) into their own practice, into students' problems

(Zuber-Skerritt)

My adaptation: ... into implementing of innovative ideas



Action research is a small-scale intervention in the functioning of the real world and a close examination of the effect of such intervention (Cohen & Manion)

My adaptation: ... small-scale initiative



#### ... and ...

- It is practitioner-research
- It is done within the context of living theory
- It offers opportunity for developing practice theory

(McNiff & Whitehead)

It has as focus: self-study



#### **New constructs**

- Marriage between scholarship of teaching and research scholarship contributing to the wish of the University to be research-intensive
- Deficit approach X asset-based approach
   Assets = self (human capital), innovative
   idea, thinking preferences, initiative,
   experiment
- Change/improve X transform



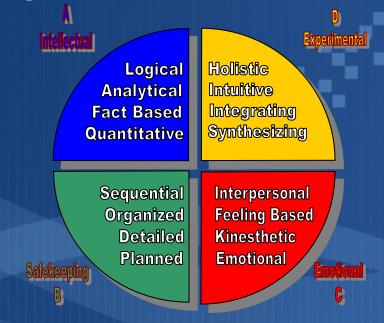
## Rationale for using Action Research

- Self-study
- Experimenting with innovative ideas
- Transforming practice
- Deep professional learning
- Professional portfolio building
- Lifelong professional learning
- Scholarly thinking
- Emancipatory
- Intrapersonal development
- Enacting leadership role
- Reflective practitioner, etc



#### AR is whole brain research

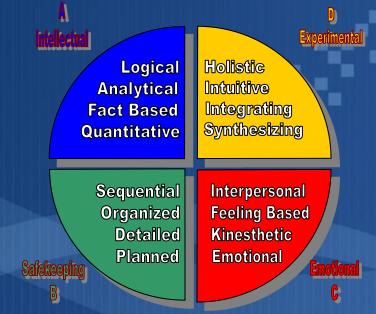
- Experimental
- Intrapersonal
- Process
- Constructing new meaning





#### PAR is whole brain research

- Experimental
- Interpersonal
- Process
- Constructing new meaning





It is about thinking out of the box. Or is it?

- Out of
- My
- Thinking
- Box

Hollistic Logical Intuitive **Analytical** Integrating Fact Based **Synthesizing** Quantitative Sequential Interpersonal **Organized Feeling Based** Detailed **Kinesthetic Emotional Planned** 

- The perfect mismatch



#### Self-study as autoethnography

Autoethnography is a form of qualitative research in which an author uses self-reflection and writing to explore her personal experience and connect this autobiographical story to wider cultural, political, and social meanings and understandings



 Autoethnography is a vulnerable, selfreflective form of writing used across various disciplines

 Autoethnography is a form or method of research that involves self-observation and reflexive investigation

(Maréchal 2010)



Social life [education/teaching practice] is messy, uncertain, and emotional. If we desire to research social life, then we must embrace a research method that, to the best of its/our ability, acknowledges and accommodates mess and chaos, uncertainty and emotion.

(Adams, 2015)



### Visionary AR model = cyclical

- Spiral (spin-off spirals): flowing from context and vision
- Cycles (spin-off cycles)
- Steps
- 1 Plan for innovation/transformation = Asset-based: person, potential, thinking preferences
  - 2 Implement innovation
  - 3 Reflect (before action, in action, on action) (Schön)
  - 4 Evaluate

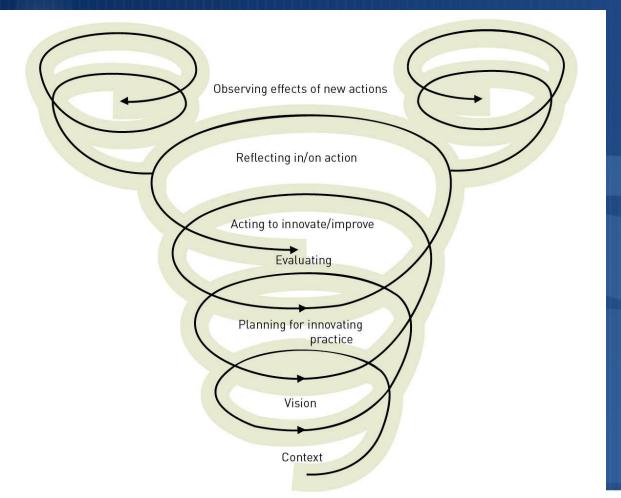
**New Cycle** 

1 Re-plan ...

Meta-reflection



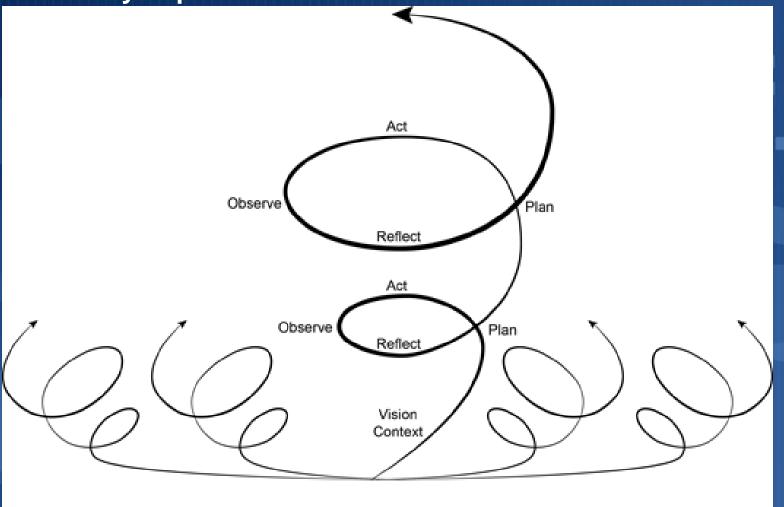
# Visionary Action research model (Du Toit)





### Visionary Participatory AR (Fringe)

**Community of practice** 



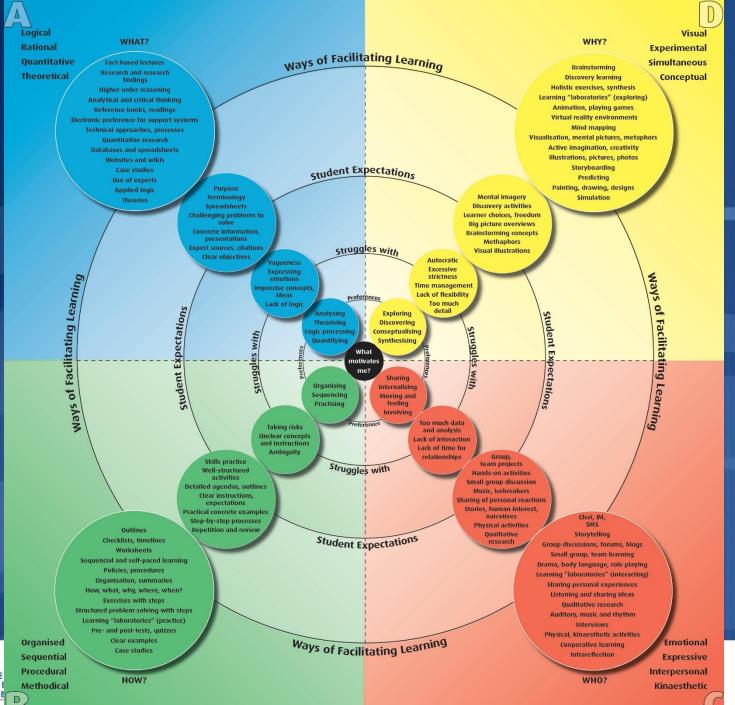
PROFESSIONAL PRACTICE ACTION RESEARCH PROCESS



### **Comprehensive model**

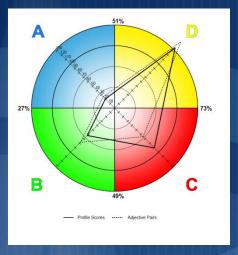
- Teaching in colours
- Researching in colours

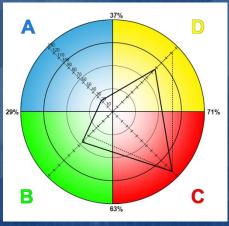


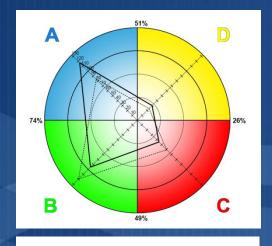


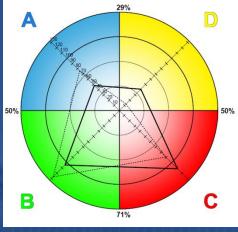


# Based on my presentation, which profile fits me? Substantiate your answer











#### Non of the above as ...

... they did tests on the 2 hemispheres of my brain, and the result:

- a) In the left, nothing is right!
- b) In the right, nothing is left!

