

THE IMPACT OF STUDENTS' PREFERRED LEARNING STYLES ON CURRICULUM DESIGN & DELIVERY: PAST, PRESENT & FUTURE

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CTLT
Presentation
1/9/08

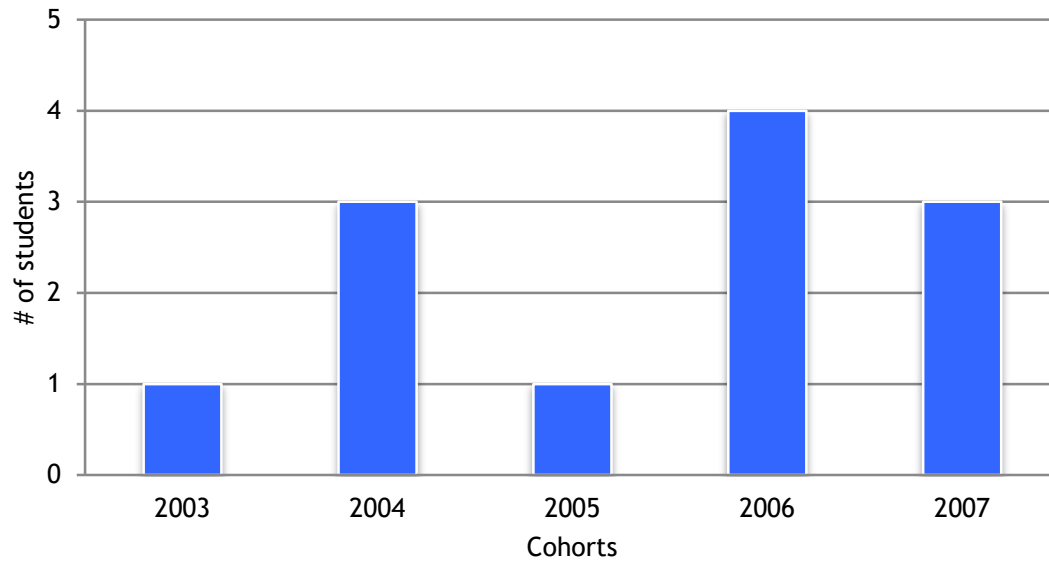
LEARNING STYLES

- ⦿ Auditory
- ⦿ Visual
- ⦿ Kinesthetic
- ⦿ Determined by using a brief preferred learning styles inventory at start of junior cohort
 - Haroun, L. & Royce, S. 2004. *Teaching ideas and classroom activities for health care*. New York: Thomson Learning

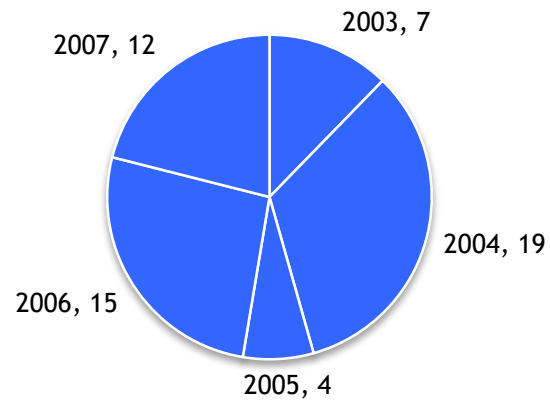
CLS BACKGROUND

- ◎ Progress through curriculum as cohorts
- ◎ Majority are junior status upon entry
- ◎ 2 semesters theory/lab intensive pre-professional practice as juniors
- ◎ 1 semester professional practice in fall of senior year
- ◎ 1 semester distance learning theory based advanced courses spring of senior year

Auditory



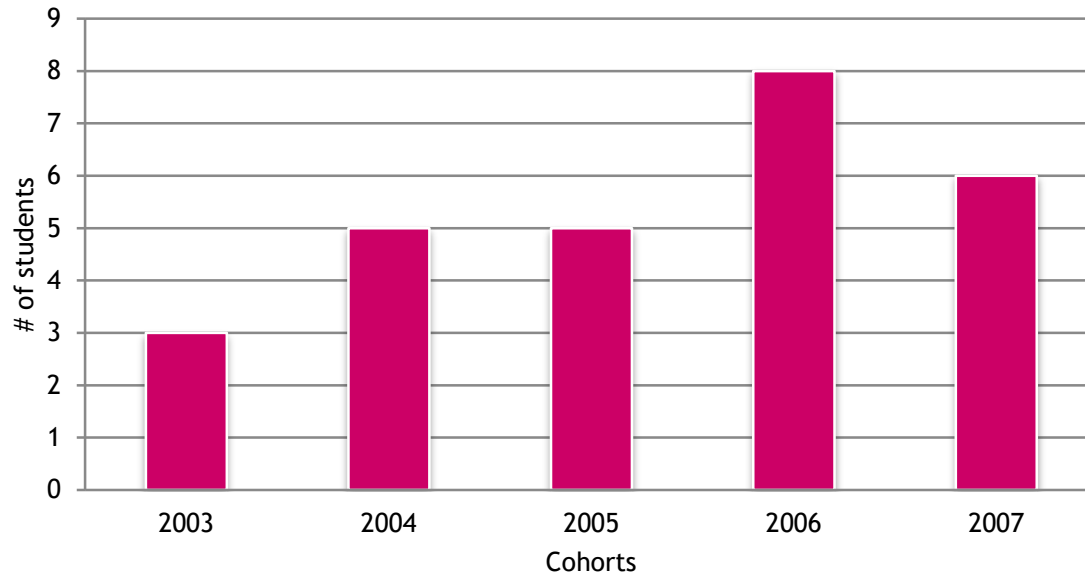
**Auditory
Year/Percentage**



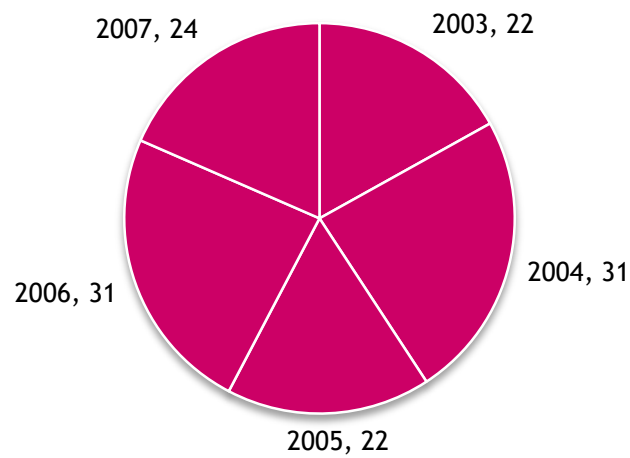
AUDITORY CURRICULAR DESIGN

- ◉ Auditory component of lectures
- ◉ Reading to themselves as they study
- ◉ Reiterating question so they process question and answer together
- ◉ In laboratory settings they need to hear instructions before performing

Visual



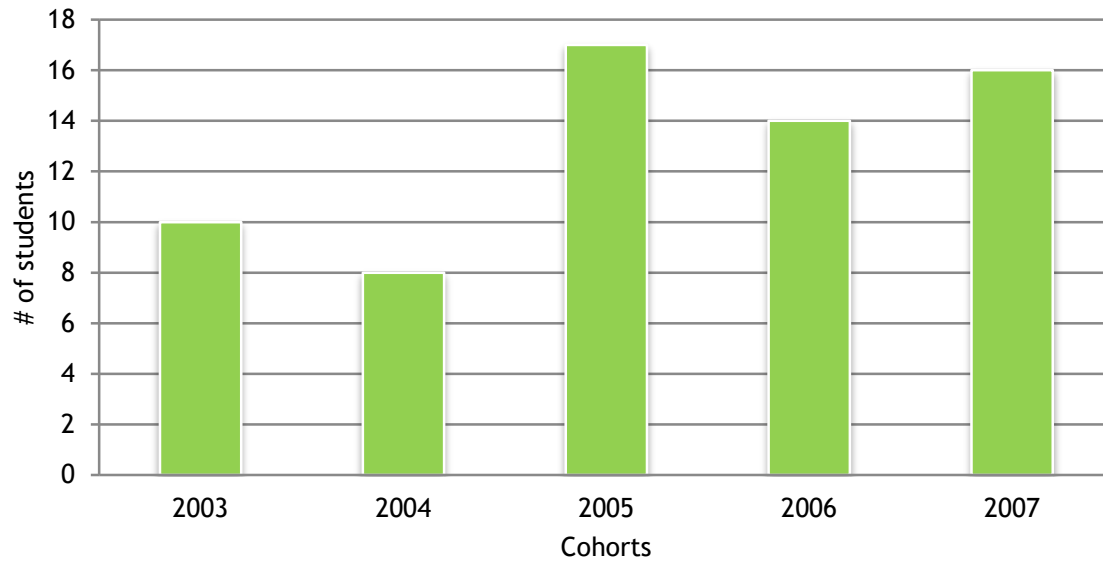
**Visual
Year/Percentage**



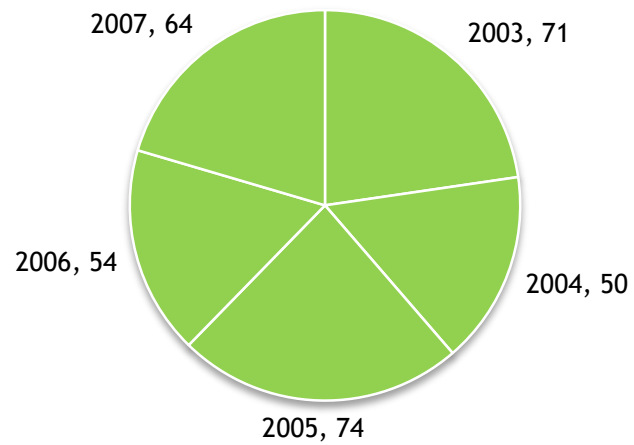
VISUAL CURRICULAR DESIGN

- ◎ Pictures or other visuals such as flow charts or algorithms to break down complex curricular components
- ◎ Notes or drawings
- ◎ In laboratory settings they need to see it done prior to performing

Kinesthetic



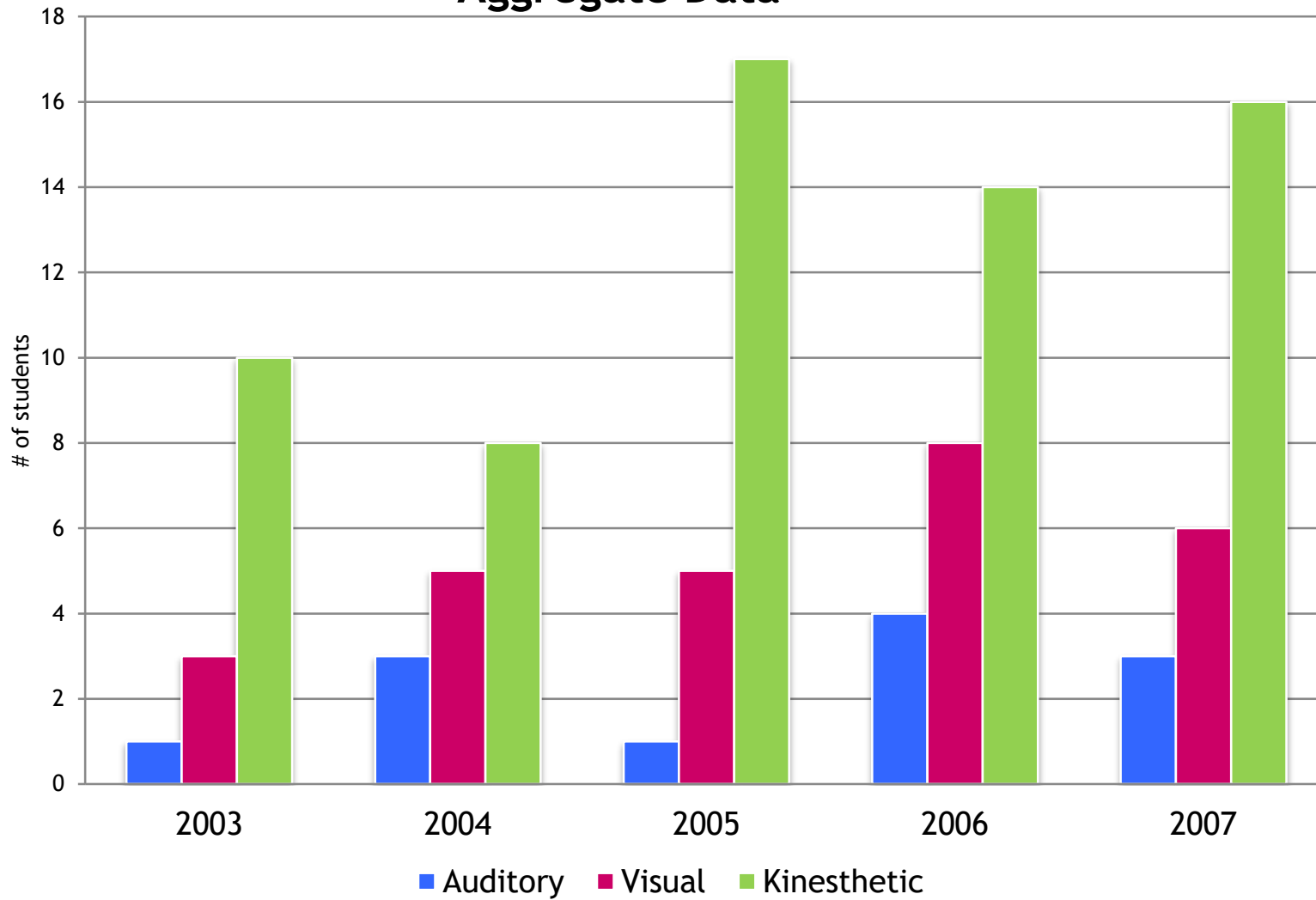
Kinesthetic Year/Percentage



KINESTHETIC CURRICULAR DESIGN

- ◉ Need to have some sort of movement or activity
- ◉ Manipulatives aid in the learning process
- ◉ In laboratory settings prior practice of performance is needed

Aggregate Data



DELIVERY: TRADITIONAL CLASSROOM

◎ Classroom

- Capped enrollment/lecture
- Try to incorporate each learning style into each individual lecture
- Assignments tailored to diverse learning styles

◎ Lab Setting

- Capped enrollment/lab
- Designed labs to incorporate “pods”
- Lab groups assigned to incorporate diverse learning styles

DELIVERY: DISTANCE LEARNING

- ◎ Include audio with lecture material
- ◎ Include suggestions or assignments that include a kinesthetic component
- ◎ Include resources that will enhance auditory and visual learners

HOW IS IT WORKING?

◎Challenges

- Proctored Exams
- Self paced vs benchmarked distance courses
 - “Waves”
- Transitioning from WebCT® to Blackboard®

FUTURE IMPACTS

- ◎ Podcasting
- ◎ Flexible curriculum delivery based on cohort learning style composite

THANK YOU

◎ Any questions?



◎ Contact Information

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