

# **ASSIST Main scale correlations**

# • Pearson's r values:

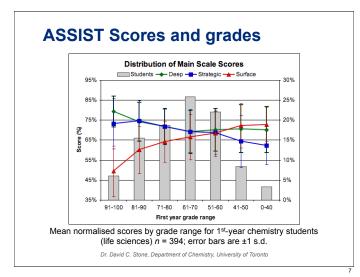
-  $1^{st}$ -year chemistry students (life sciences), n = 394

Scale:	Deep	Strategic	Surface
1 <sup>st</sup> -year	0.1960	0.2859	-0.4060
Deep		0.4561	-0.3545
Strategic			-0.2528

All *r* values statistically significant @ 99.99% CL ( $p < 10^{-4}$ )

$$t = \frac{|r|\sqrt{n-2}}{\sqrt{1-r^2}}; \ H_0(r=0)$$

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## **ASSIST Deep scale:**

### · Interest in ideas (II)

"I sometimes get 'hooked' on academic topics and feel I would like to <u>keep on</u> <u>studying</u> them"

Relating ideas (RI)

"I like to <u>relate ideas</u> I come across to those in other topics or courses"

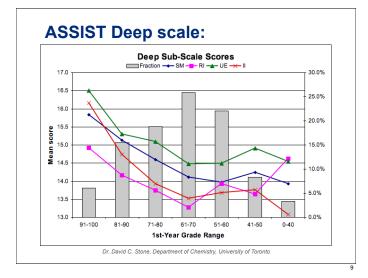
#### Seeking meaning (SM)

"When I'm reading an article or book, I try to find out for myself exactly what the author <u>means</u>"

#### • Use of evidence (UE)

"It's important for me to be able to follow the argument, or to see the reason behind things"

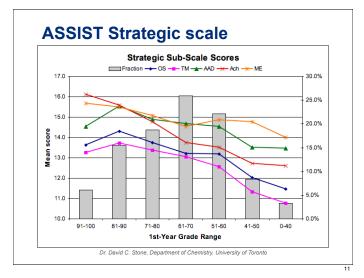
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# **ASSIST Strategic scale**

- Achieving orientation (AO) "I put a lot of <u>effort</u> into studying because I'm <u>determined</u> to do well"
  Alertness to assessment demands (AA)
- "I keep an eye open for what <u>lecturers seem to think is important</u>..."
- Monitoring effectiveness (ME) "I think about what I want to get out of this course to <u>keep my studying focussed</u>"
- Organised studying (OS) "I usually <u>plan out my week's work in advance</u>, either on paper or in my head"
- Time management (TM)
   "I'm pretty good at getting down to work whenever I need to"
   "I work steadily through the semester, rather than leave it all until the last minute"

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### **ASSIST Surface scale**

• Fear of failure (FF)

"I often worry about whether I'll ever be able to cope with the work properly"

• Lack of purpose (LP)

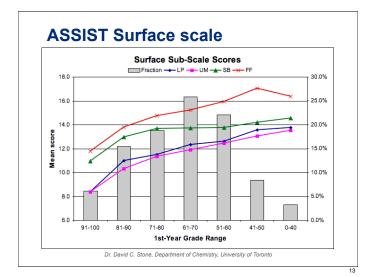
"Often I find myself <u>wondering</u> whether the work I am doing here is really worthwhile" "I'm <u>not really interested</u> in this course, but I have to take it for other reasons"

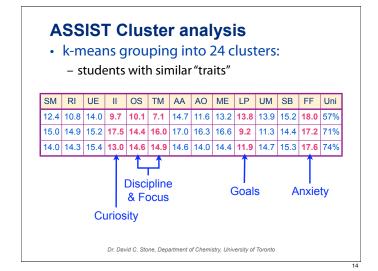
- Syllabus boundness (SB)
- "I concentrate my learning just on those bits of <u>information I have to know to pass</u>"

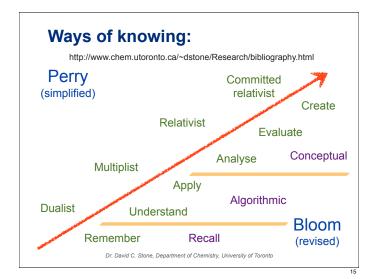
### Unrelated memorising (UM)

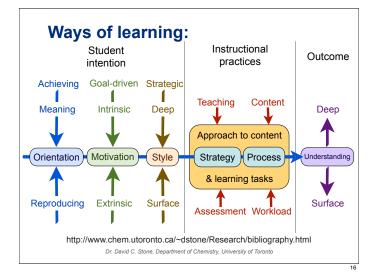
"Much of what I'm studying <u>makes little sense</u>: it's like <u>unrelated</u> bits and pieces" "I'm not really sure what's important in lectures, so I <u>try to get it all down</u>"

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### **Research teams:**

- 2006-7:
  - Robin Baj, Michael Lebenbaum, Sujan Saundarakumaran, Derrick Tam, & Jakub Vodsedalek
- · 2007-8:
  - Mena Gewarges, Cindy Hu, Gordon Ng, Jana Pfefferle, and Curtis Wang
- 2008-9:
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