

Confessions of a converted lecturer



FCIS Convention
Orlando, FL, November 8, 2013



Confessions of a converted lecturer



@eric_mazur

FCIS Convention
Orlando, FL, November 8, 2013



Think of something you are good at

EDUCACION

Think of something you are good at

How did you become good at this?

EDUCACION










1 education

2 PI

3 results

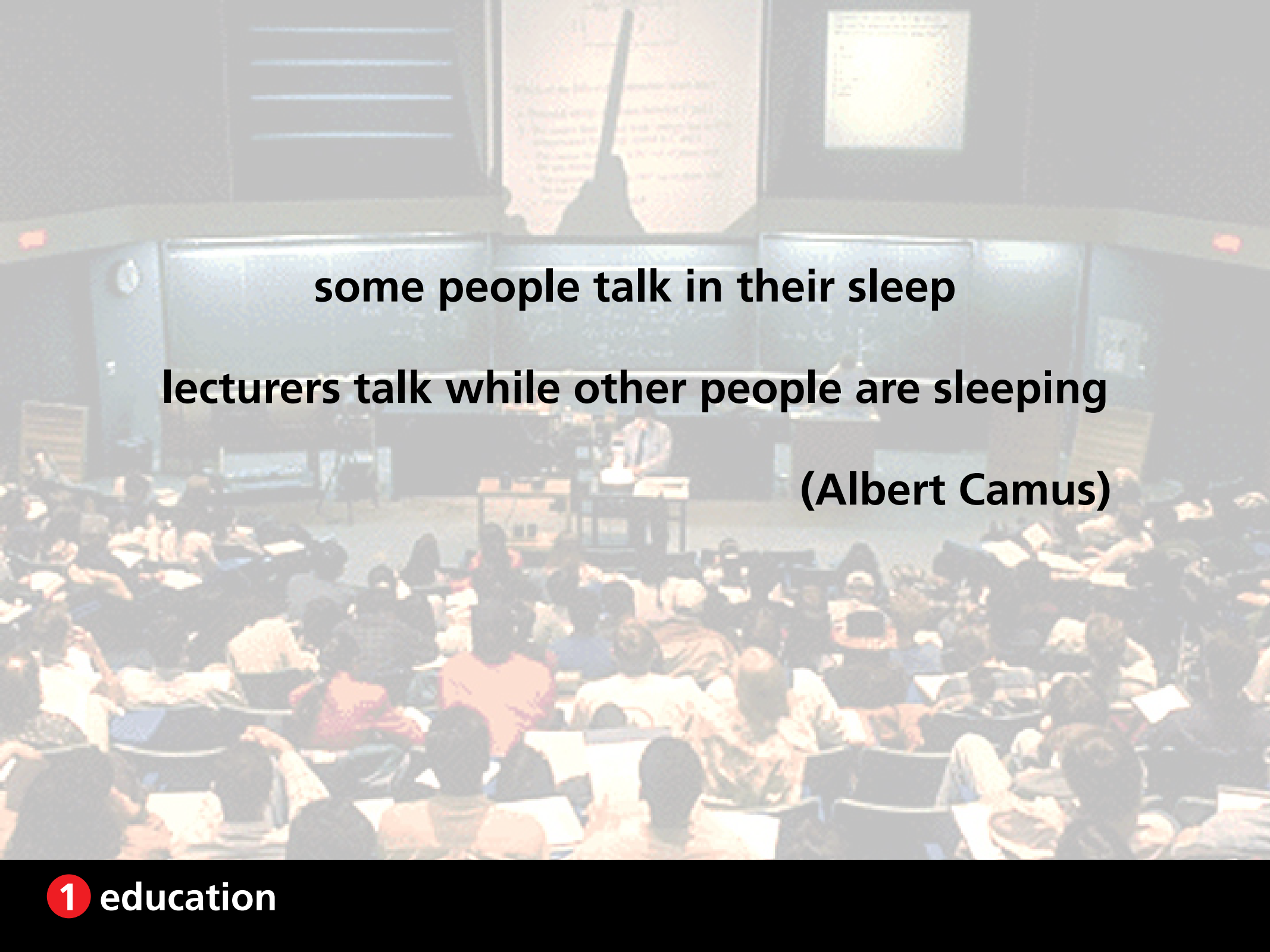


**What happens
in a lecture?**



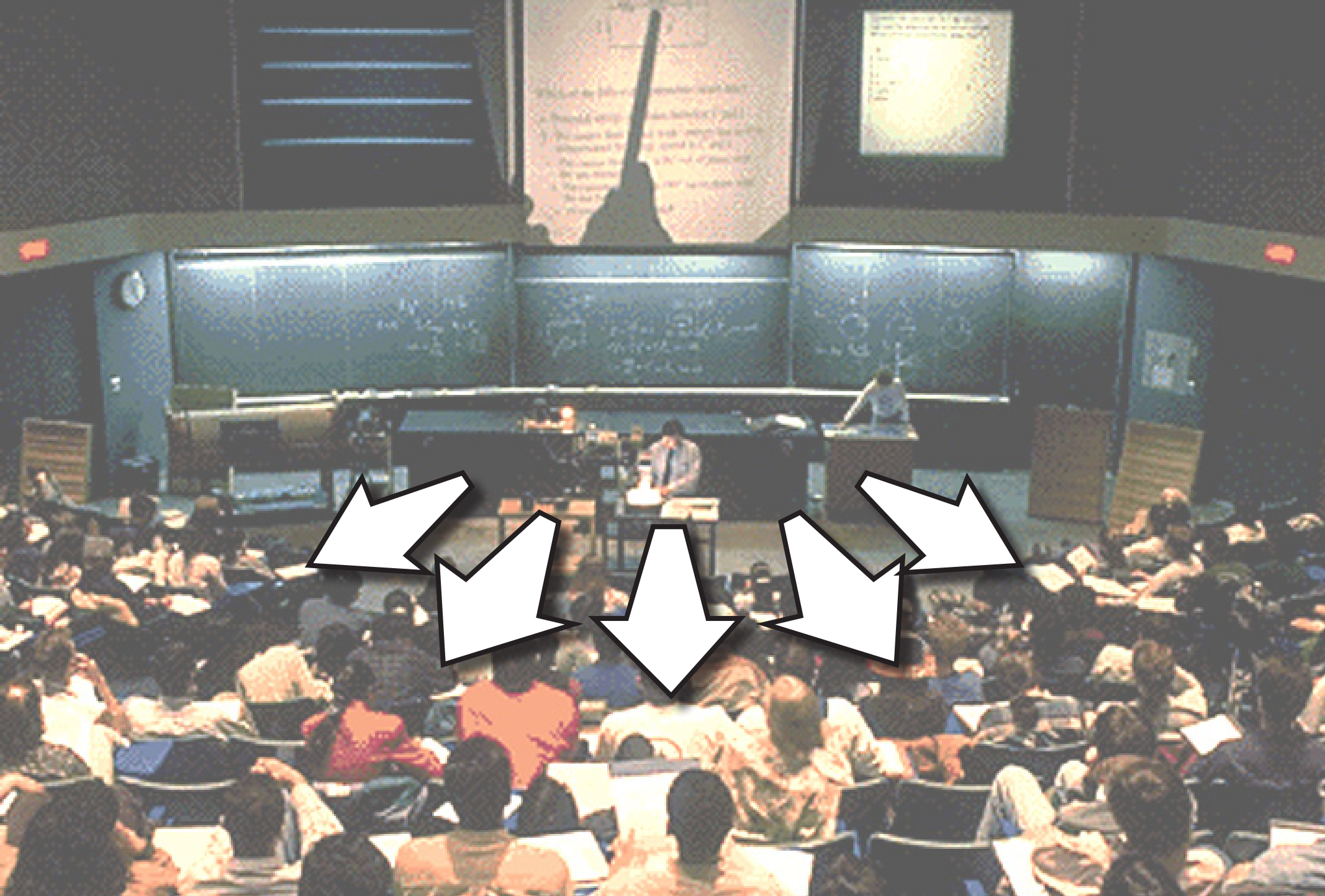
A wide-angle photograph of a large lecture hall. The room is filled with students seated in rows of chairs. Many students have their heads down, suggesting they are asleep. At the front of the room, a lecturer is standing near a podium, addressing the class. Behind the lecturer are several large projection screens displaying text and diagrams. The room has a curved ceiling and walls, and the overall atmosphere is one of a large-scale educational setting.

some people talk in their sleep

A large lecture hall filled with students. Many students are sleeping in their seats, with their heads resting on their desks or hands. The lecture hall has a curved front wall with several large screens displaying text. A lecturer is visible at the front of the hall, standing near a podium. The overall atmosphere is one of a lecture where many students are asleep.

some people talk in their sleep
lecturers talk while other people are sleeping
(Albert Camus)





The result?

EDUCACION

Lack of learning

EDUCACION

Lack of learning

Lack of retention

not transfer but assimilation of information is key





1. transfer of information



1. transfer of information

2. assimilation of that information



1. transfer of information (in class)

2. assimilation of that information



1. transfer of information (in class)

2. assimilation of that information (out of class)



**Should focus
on THIS!**

1. transfer of information (in class)

2. assimilation of that information (out of class)

- 
- 1. transfer of information (in class)**
 - 2. assimilation of that information (out of class)**

- 
- 1. transfer of information (out of class)**
- 2. assimilation of that information (in class)**



Peer

1. transfer of information (out of class)

2. assimilation of that information (in class)

INSTRUCTION

question

1 education

2 PI

question



think

question



think



poll

question



think



poll



discuss

question



think



poll



discuss



repoll

question



think



poll



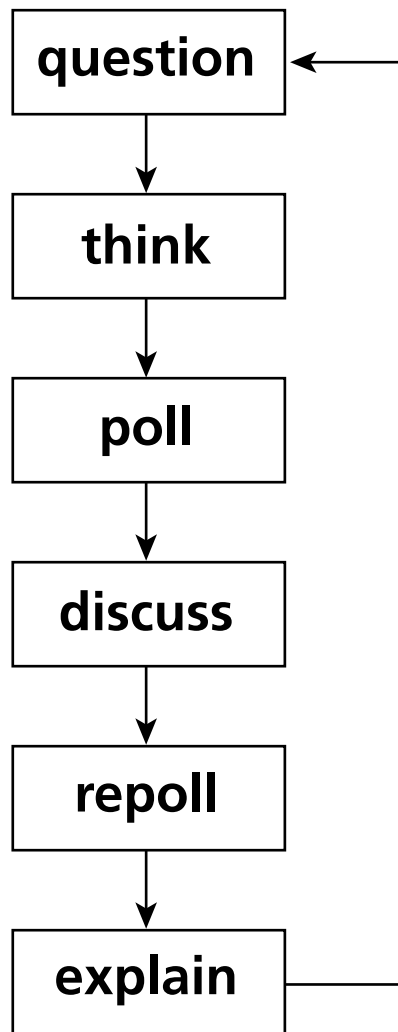
discuss



repoll



explain





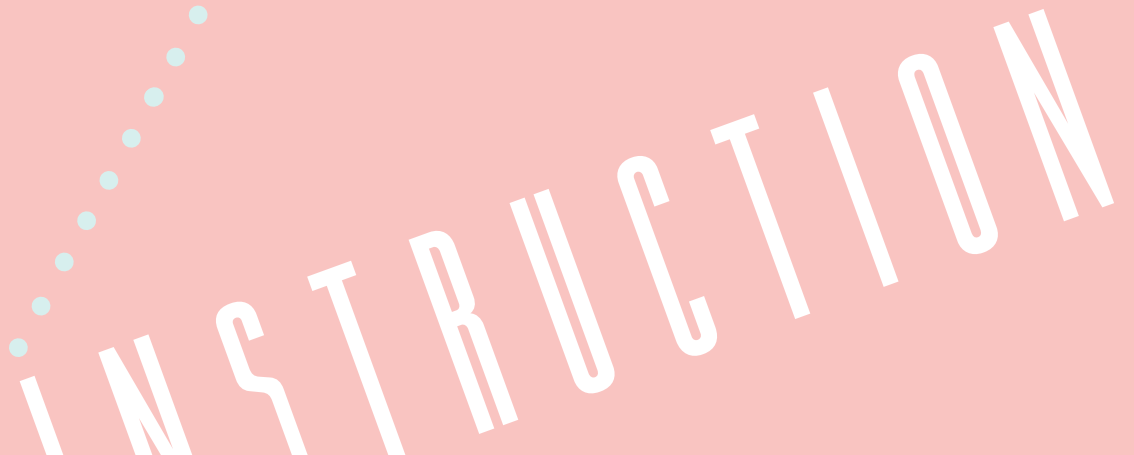
1 education

2 PI



Peer

is it any good?



INSTRUCTION

1 education

2 PI

3 results



Peer

Higher learning gains

INSTRUCTION

1 lecture

2 PI

The background features a large, light blue 'P' and 'I' on the left. The word 'Peer' is written in large, white, outlined letters across the top. The word 'INSTRUCTION' is written in white, outlined letters at the bottom. Two red, bold, italicized phrases, 'Higher learning gains' and 'Better retention', are positioned diagonally across the center. A dashed yellow line with arrows connects the 'P' to the 'I', passing through the red text. A dotted blue line with arrows also connects the 'P' to the 'I', passing through the red text.

Higher learning gains

Better retention

INSTRUCTION



1 education

2 PI

3 results

in a lecture, students...

1 education

2 PI

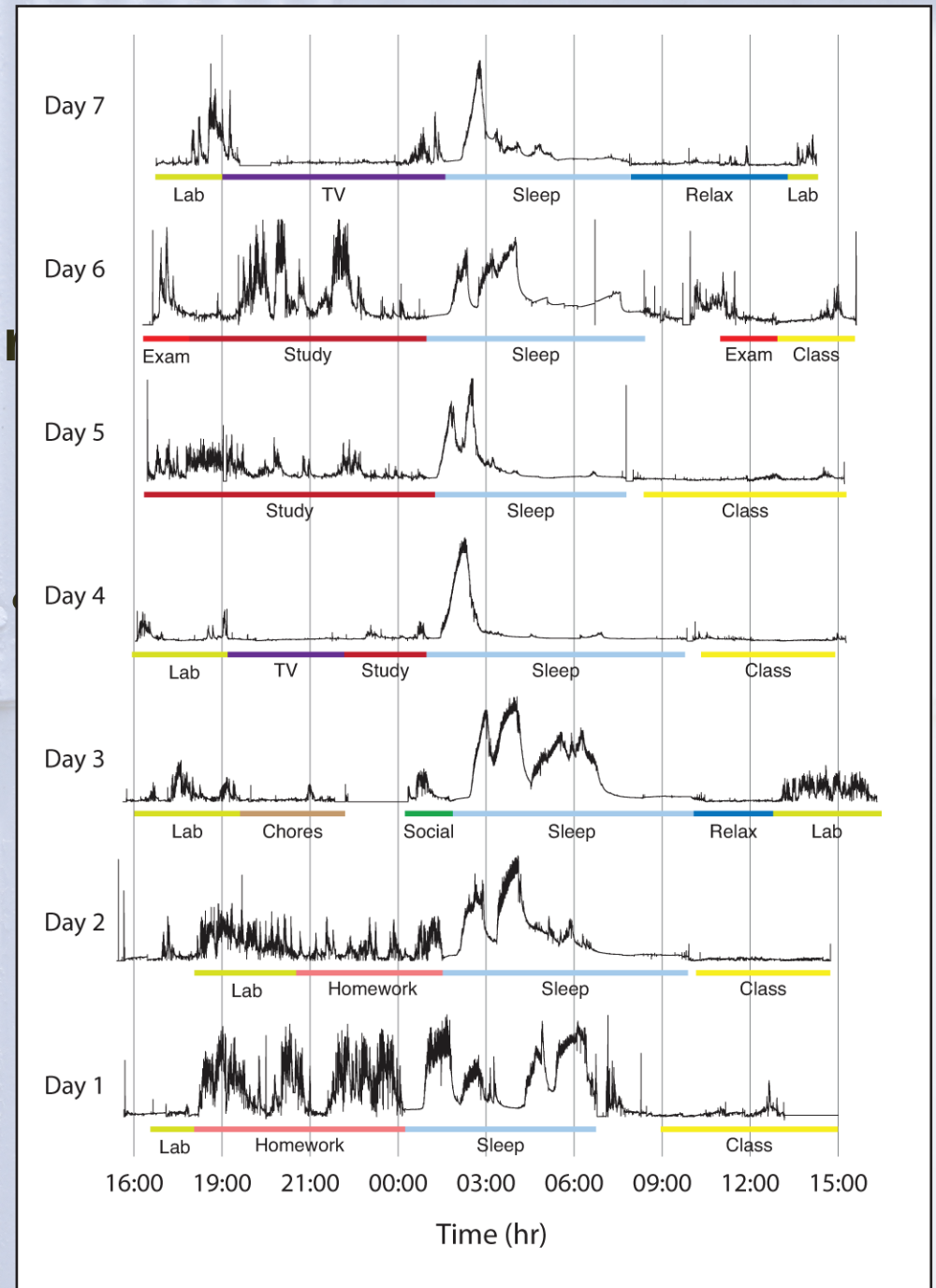
3 results

in a lecture, students...

1. don't pay utmost attention

in a lecture

1. don't pay utmost



doi: 10.1109/TBME.2009.2038487

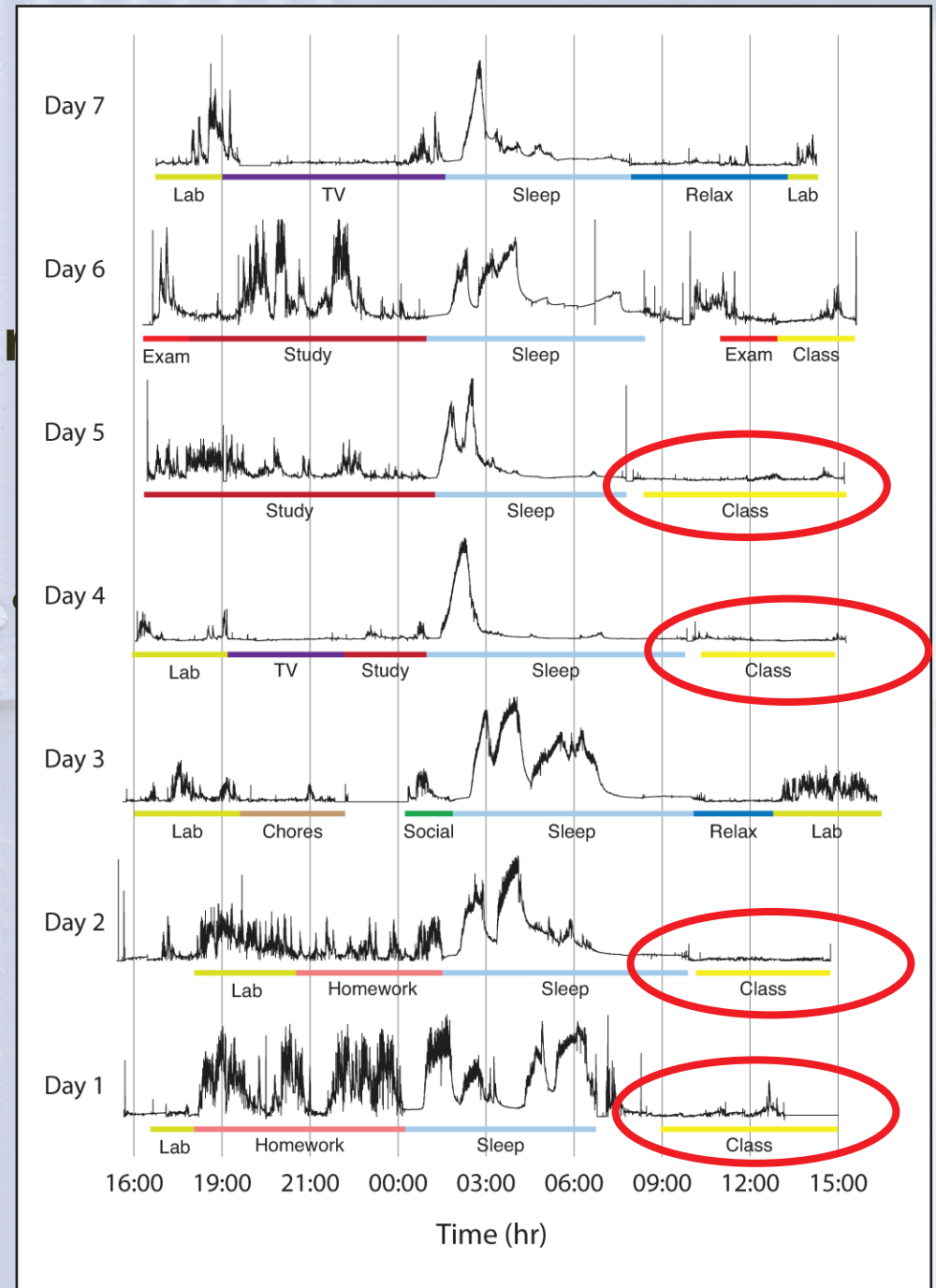
1 education

2 PI

3 results

in a lecture

1. don't pay utmost



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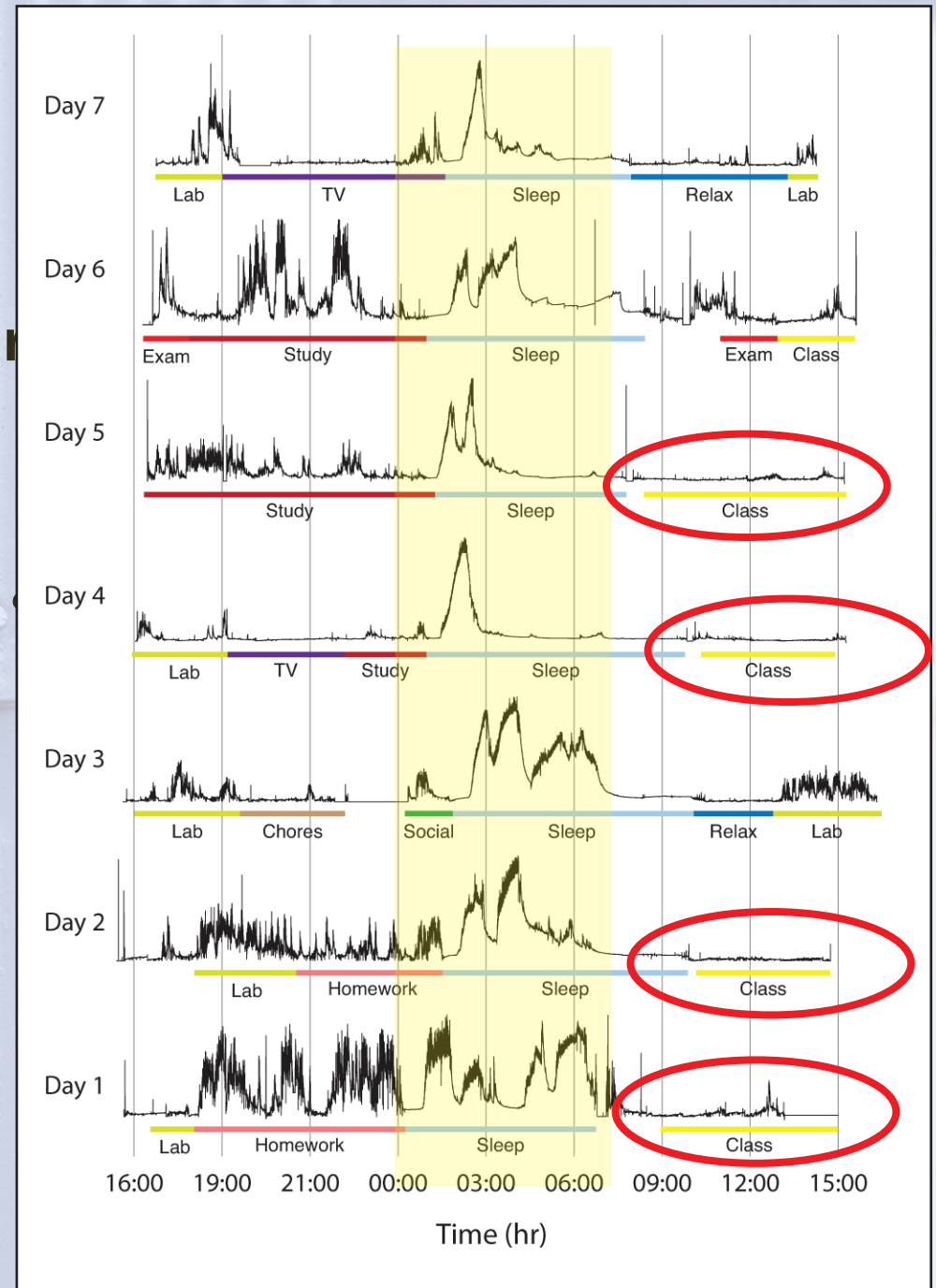
1 education

2 PI

3 results

in a lecture

1. don't pay utmost



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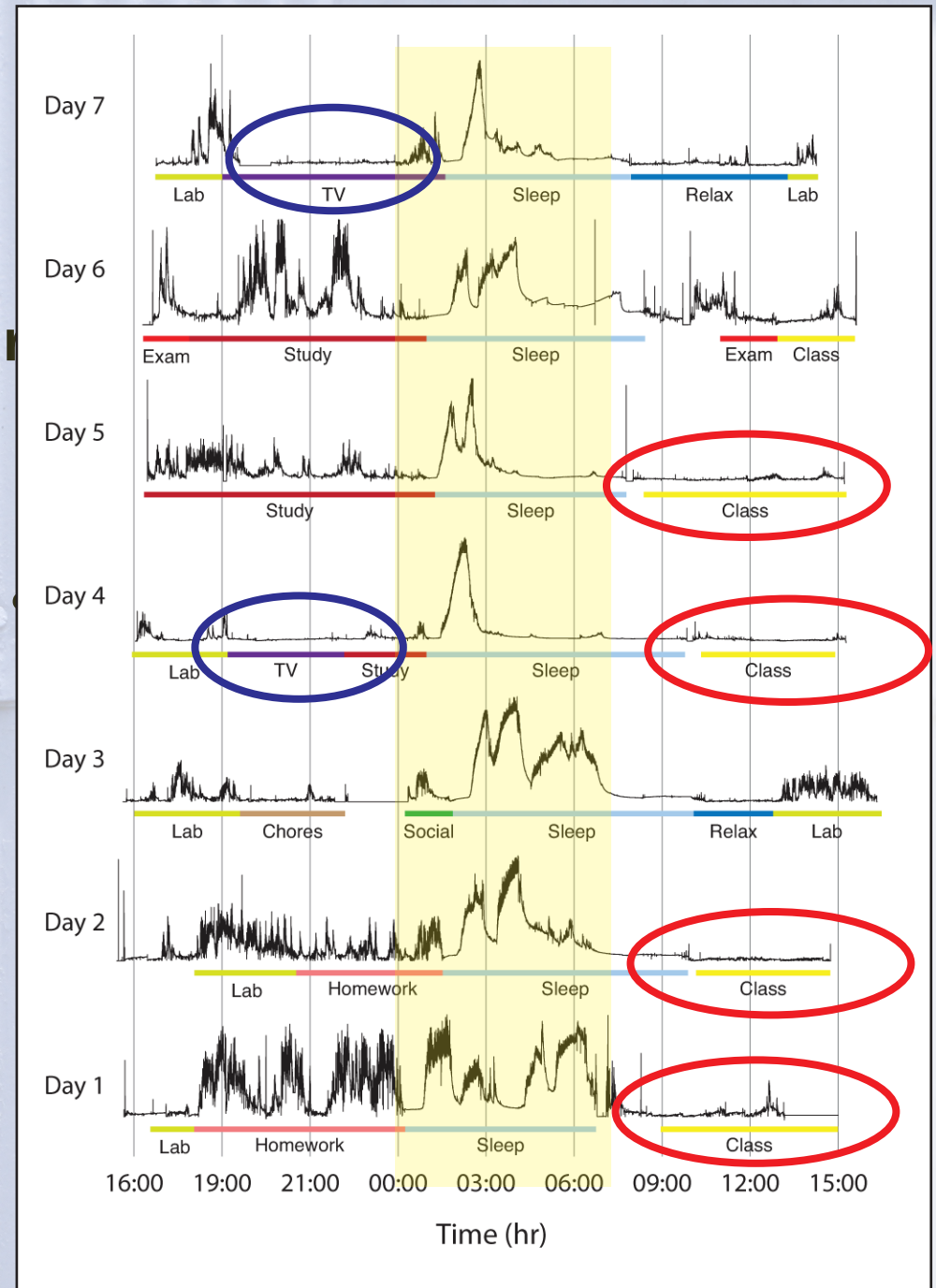
1 education

2 PI

3 results

in a lecture

1. don't pay utmost



doi: 10.1109/TBME.2009.2038487

1 education

2 PI

3 results

in a lecture, students...

1. don't pay utmost attention

2. think they know it

in a lecture, students...

- 1. don't pay utmost attention**
- 2. think they know it**
- 3. are not confronted with misconceptions**

in a lecture, students...

1. don't pay utmost attention

2. think they know it

3. are not confronted with misconceptions

false
sense of security



1 education

2 PI

3 results



an illusion. . .

1 education

2 PI

3 results



Education is not just about:

- **transferring information**
- **getting students to do what we do**



Education is not just about:

- **transferring information**
- **getting students to do what we do**

active participation a must!



Join now!

PeerInstruction.net

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