### 讲授的艺术

The Art of Lecturing

北京大学药学院

张英涛



目的与意义 问题与挑战 策略与方法

### The purpose of lectures

传递:知识、观点与进展

强调: 重点、联系与逻辑

培养:专注、质疑与解难

## The challenges

讲授依赖于讲者的素质

讲授的有效性受到质疑

网络使知识与信息更易传递

以学生为中心的学习理念日益盛行

"College is a place where a professor's lecture notes go straight to the students' lecture notes, without passing through the brains of either"

- Mark Twain

"Some people talk in their sleep. Lecturers talk while other people sleep"

- Albert Camus

"My lecture was a complete success, but the audience was a failure"



# To lecture, or not to lecture – that is the question

#### Sage on the Stage vs. Guide on the Side

#### Which side should I



# You don't have to choose

Diversity is a good thing

### The strategies

讲好或者不讲

尝试新方法

构建个性化的教学模式

If you lecture, you are supposed to be...

#### a real scholar & a good teacher







The best teachers are those who show you where to look, but don't tell you what to see.

Alexandra K. Trenfor

If you deliver boring lectures, you will find...



# A bad lecture is painful for both students and instructor





成功讲授的要素

激情、合意、技巧

### 何谓





### 为什么我们需要激情?

To gain attention and enhance motivation

# 激情 =

喜爱 所以投入

自信 方能绽放

### 乔布斯的魔力演讲

# "合意"=

合乎预期

意料之外



师生合意 至乐也



合意焉能如此?

### 戈尔的完美讲授

### 戈尔的完美讲授

#### 斯坦福大学公开课: 魅力解剖学

# 技巧 =

脱书 离案 走出来

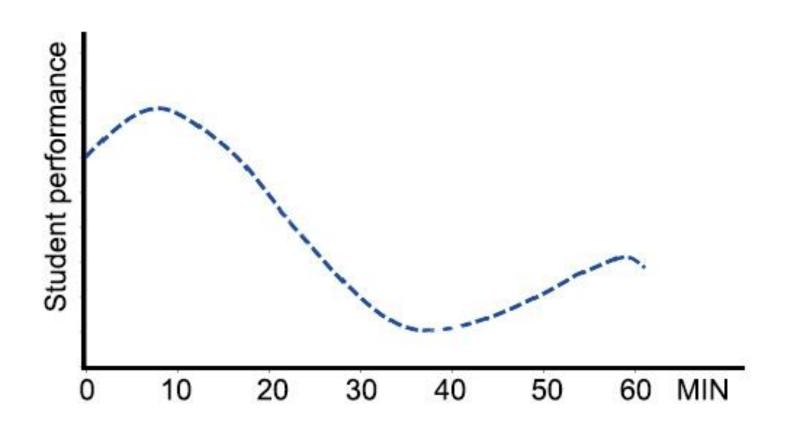
故事 幽默 巧安排

文简 图精 有互动

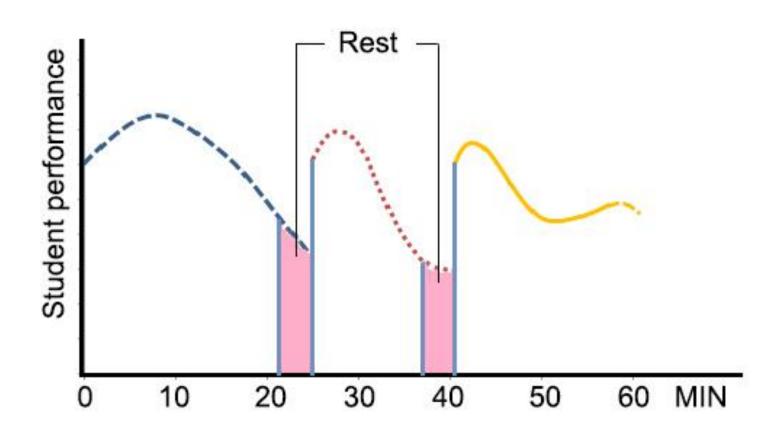
多学 多练 看自拍

#### Don't forget

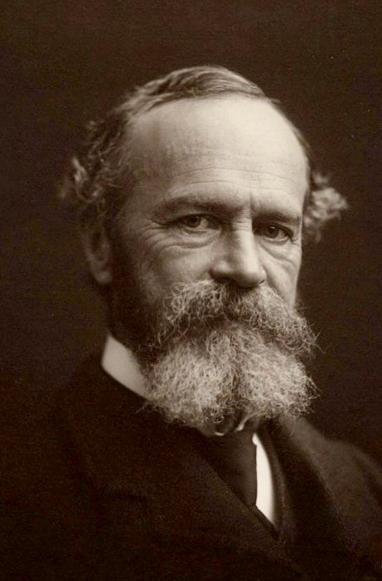
#### 持续性讲授导致注意力显著下降



#### 间断性讲授可使注意力部分恢复



#### 许雅君 慕课:身边的营养学



行如所念,终得之。

William James

"Act as if what you do makes a difference. It does."