


**To Engage Students You Must First Engage Faculty:  
Changing Faculty, One Cohort at a Time**

2013 International HETL Conference  
Orlando, FL  
Jan. 14, 2013

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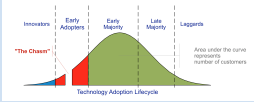





**"Teaching is leading students into a situation in which they can only escape by thinking"**



**Faculty Types With Respect to Technology**


- ◆ Earlier adopters
- ◆ Interested and engaged
- ◆ Skeptical but open to ideas
- ◆ Have no idea of what technology can do
- ◆ Technology curmudgeons



**CTE's Summer Institutes on Teaching and Learning with New(er) Technologies**

- ◆ Started in 2007
- ◆ 3-day institute in late May
- ◆ Focused on pedagogy not technology
- ◆ 16 faculty selected per institute
  - Demand exceeds number of slots
  - Diverse with respect to discipline and rank
- ◆ Faculty receive \$1,500 recognition incentive



### CTE's Summer Institutes on Teaching and Learning with New(er) Technologies

- ◆ Faculty apply with pedagogical problem they want address using technology
- ◆ Individual teaching and learning projects
- ◆ > 100 faculty have participated in STI since 2007
- ◆ Participate in a year long faculty learning community
- ◆ Has changed the culture with respect to technology for learning on campus



### Examples Increasing Engagement



- ◆ Twitter and I-pads
- ◆ You-tube and Google maps
- ◆ Blogs, twitter, e-portfolios
- ◆ In-class simulations and Google spreadsheet
- ◆ Facebook
- ◆ In-class videos
- ◆ Clickers, poll anywhere, or socrative.com

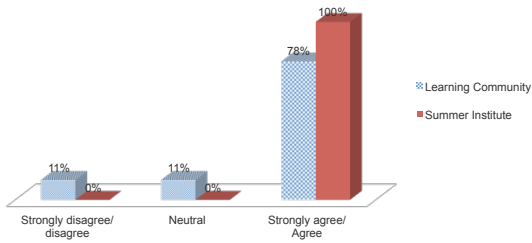


### STI Helped Faculty To:

- ◆ Incorporate appropriate technology into their teaching
- ◆ Better understand how technology can be used to increase student engagement
- ◆ Better understand how technology can be used to increase student learning

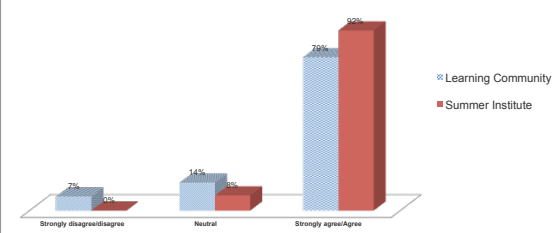
### 2012 Survey Data

Participation in the \_\_\_\_\_ resulted in increased understanding of how technology can be used to facilitate STUDENT ENGAGEMENT in my courses.



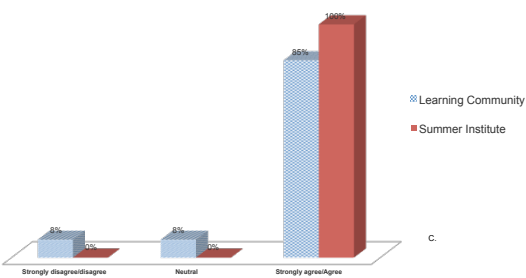
### 2012 Survey Data

Participation in the \_\_\_\_\_ increased my understanding of how technology can be used to facilitate STUDENT LEARNING in my courses.



### 2012 Survey Data

Participation in the \_\_\_\_\_ helped me to incorporate technology into my classroom teaching.



### Longer Range Impacts

- ◆ Helps faculty rethink teaching beyond lecturing.
- ◆ Requires faculty to focus teaching on what is important.
- ◆ Increased faculty use of technology to address different pedagogical challenges.
- ◆ Fostered sharing of ideas and materials among faculty.
- ◆ Required students to engage the material in a public forum.
- ◆ Required/rewarded students for front loading.



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"Teaching is leading students into a situation in which they can only escape by thinking"

UMD Teaching Resource Guide Free Downloadable  
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