Julie Schell and Brian Lukoff
Peer Instruction and Learning Catalytics

Classroom Response Systems at Harvard FAS: Status and Trends

with Daniel Jomou and Tolu Odumosu (slides not included)

Harvard University IT Summit
May 31, 2012
Learning Catalytics

- brief presentation
- ConcepTest/Question
  - Student poll 1
    - <30% correct
      - revisit concept
    - 30-70% correct
      - peer discussion
      - Student poll 2
    - >70% correct
      - explanation
      - repeat from start

Peer Instruction
Cloud-based technology - students “BYOD”

Piloted for the first time in Spring 2011

Now used both in K-12 and higher education (including the Singapore University of Technology and Design)
Not restricted to multiple-choice questions
Now describe in a couple of words how you became good at whatever it is you entered in the previous question.

- Lots of practice
- Submit response
- IM the instructor

Round 1
- 123 responses
- experiences
- learning
- observing
- reading
- people being
- experience
- time
- practice
- working
- others
- school
- through
- family
- watching
- many
- listening
- 61 get it now
- 4 still don't get it
Learning Catalytics

This image shows Oahu as seen from the Space Shuttle. The image provides several clues about the direction of prevailing winds in Oahu. Indicate this direction by drawing an arrow on your screen.

Round 1
- 77 responses, 16% correct
Use real-time analytics to improve discussion productivity
Learning Catalytics
If you have a laptop, smartphone, iPad, etc:

Go to LCatalytics.com

Click “Create student account”

Click “I have a signup code”

Enter your name, email address, and create a password; use the signup code DEMO