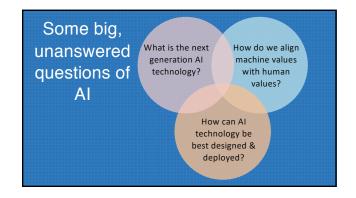
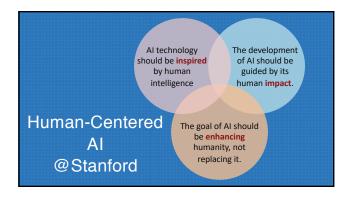
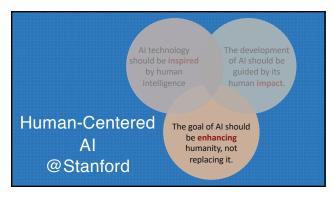
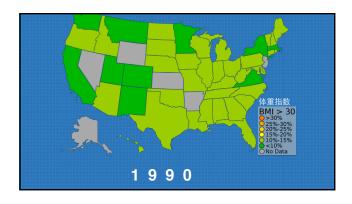
対哲明
James A. Landay
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Computer Science
@landay
CS147
December 5, 2018
Stanford

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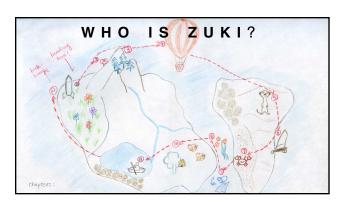
















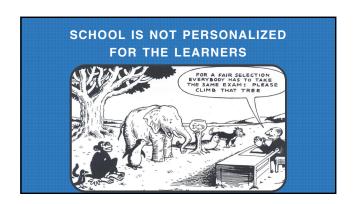
Ambient Narrative-Based Interfaces to Shape
Positive Mindsets and Motivate Sustained Behavior

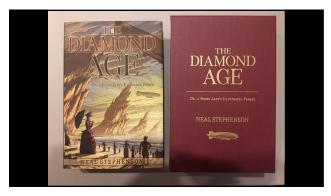
CHI2019

SURPRISING RESULT 出人意料的结果 Thought multiple chapters would simply be more engaging 3-week pilot study (n=16) Multi-chapter (3) vs. single chapter narrative Results - single chapter users app engagement dropped over study - users ranked higher on narrative engagement did more physical activity - multi-chapter users logged more exercise activities - multi-chapter users had better mood, more positivity towards exercise, & progressed further in transtheoretical stages of change at study end Narrative is key feature, with multiple chapters boosting positive & buffering negative effects over time!



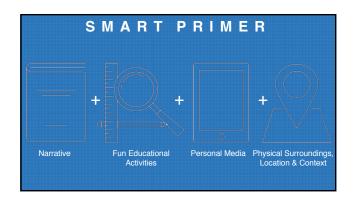












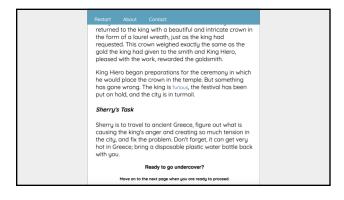


Restart About Contact

Archimedes Story
by Smart Primer Group

The History

For nearly one hundred years, the ancient syracuse and Carthage had been at war as ruler after ruler fought each other for the throne. Finally, in 275 BCE, the troops from Syracuse graw weary of the inefficiency and selfshiness of their leaders and elected commanders from amongst themselves. One of their chosen leaders was a young general named Hiero.

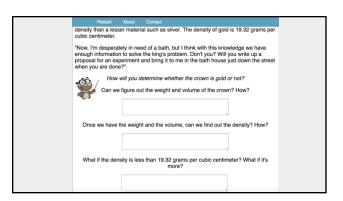


Restart About Contact
have. You see that box over there," the confectioner
gestured to a large crate. "It's filled with sesame candles
and I need to know how many there are. The number
doesn't have to be exact; a good approximation "Il do. But
If you count that real quick and let me know what's left, I
can tell you what I know about the crown, although i'm
warning you, it isn't much"

Looking at the crate, Sherry noticed it was about the size
of a shoe box, and each cube-shaped candy had the
width, height, and depth that was about the same as the
diameter of a quarter. The crate was about half full.
Sherry decided that instead of counting the candles, he'd
approximate how many could fit in the box.





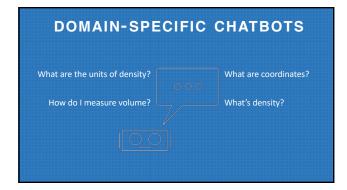


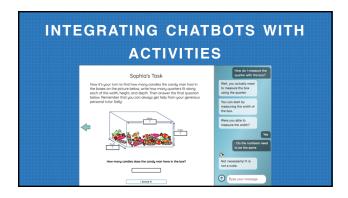


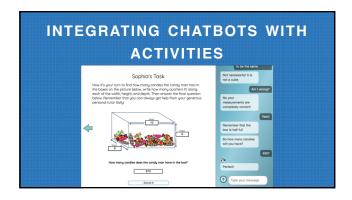
CHATBOTS WILL CHANGE THE FUTURE OF EDUCATION

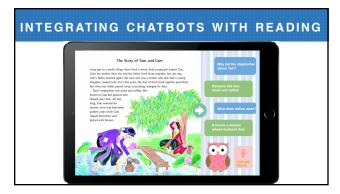
Even the most complex and subjective disciplines could be taught with the help of educational chatbots as tutors.

- Bill Gates









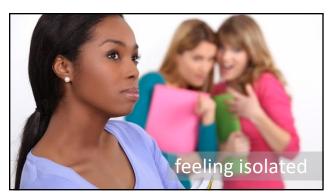


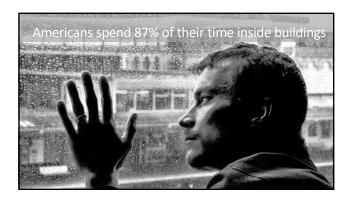


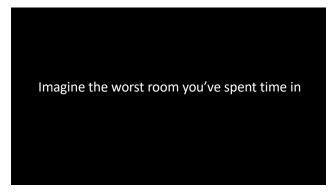






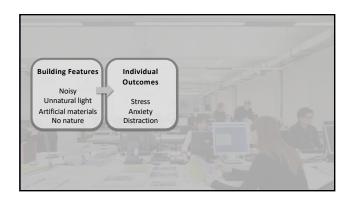










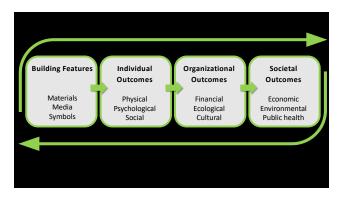




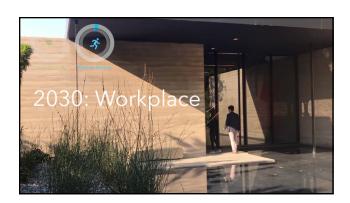
Building Features Individual Organizational Societal Outcomes Outcomes Noisy Unnatural light Unproductive Stress Economic Artificial materials Anxiety Wasteful Environmental No nature Public health







"We shape our buildings; thereafter *they shape us.*" – Winston Churchill

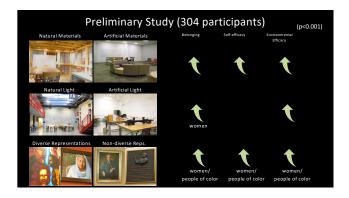














How Can Our Buildings Support Wellbeing?

"When you cannot measure it...you have scarcely advanced to the stage of science."

- Lord Kelvin

Establish the Science Understand Acceptance Design Adaptations

• Technology Constraints

• Experiments











Establish the Science

Develop Technology Platform

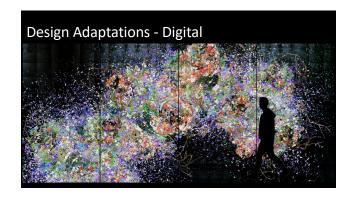
Lab Experiments Field Experiments

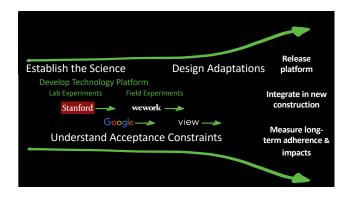
Stanford wework

Google view

Understand Acceptance Constraints

Wellbeing

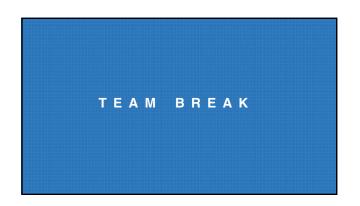




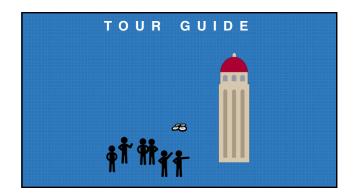




A D MINISTRIVIA • Landay Friday office hours moved to 2:30 pm this week • Midterm regrade requests due by 5 PM today (Wed) • Final versions of posters & pitch slide due today - need to get posters to the printer so you can get back in time (usually 24 hours required) - pitch slides go in a google slides deck that TAs will share (see Piazza). It needs to be final by Thursday as we will download as PPT - http://bit.ly/cs147au18pitches • Project fair - arrive at 6 PM to set up (show starts at 6:30) - dress code: none, but recommend treating as if it were a job interview • Questions on project?













Close Far Stop Precise Location

Downwards Upwards Selfie Attention

