How do we learn?

What works?
- We need objective evidence
- Cognitive illusions
  - Our memories fill in blanks
  - Our intuition isn't always right

What online courses have had big failures?
- Utilize different strategies
- The future will be personalized learning

MOOCs have no evidence of working better
- We've had many recent breakthroughs
- High dropout rate
- They're over-confident
- Data needed
- Life gets in the way

People think they learn more by video
- Learning by video vs. reading text
  - People think they learn more by video
  - Over time

Predictive vs. actual learning

Educational technology

Personalized learning and the future of learning

Prof. Jeffrey D. Karpicke

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