



WARFIGHTER AND THE DIRECTION OF LEARNING

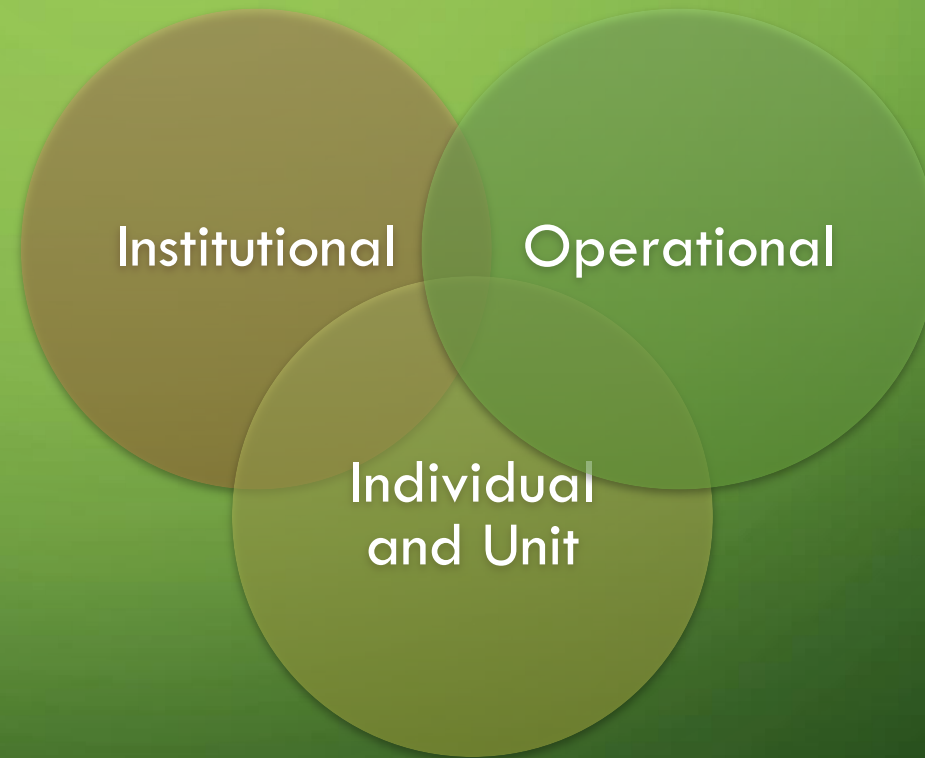
MAD SCIENTIST LEARNING IN 2050 CONFERENCE

9 AUGUST 2018

MARY CRANNELL

OBJECTIVE

Foster a
learning cycle
that is faster
than our
adversaries



WHAT ARE OUR NEAR PEERS LEARNING?

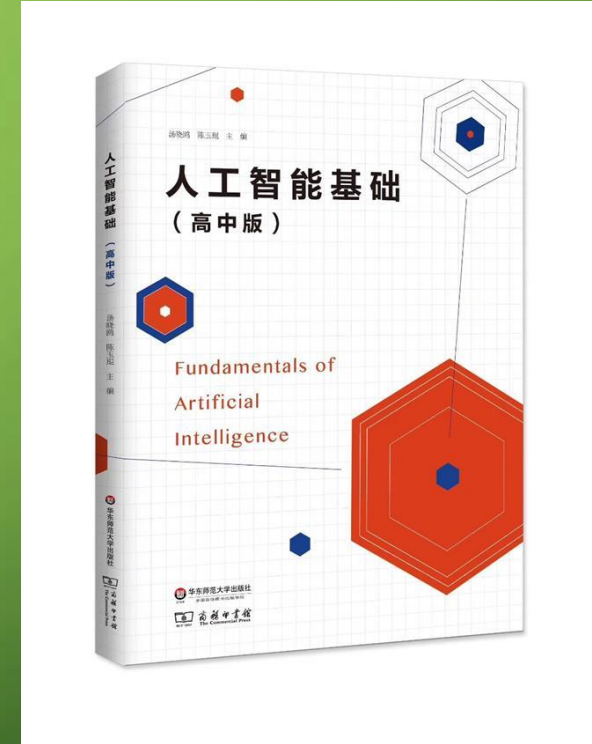


Reuters/Bobby Yip

Surveilling cities to learn life patterns

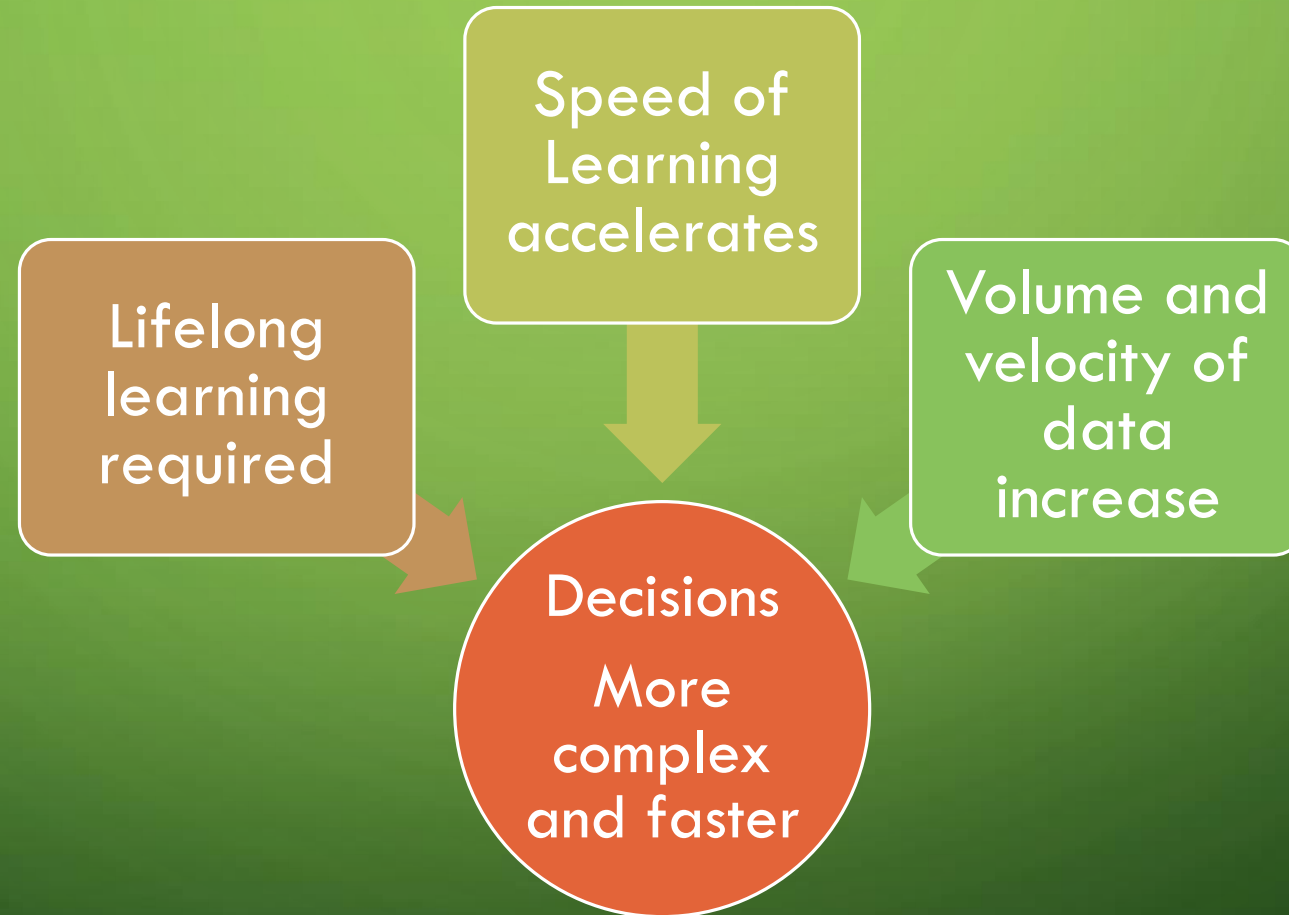


Gene Editing



AI High School Textbook

DIRECTION OF LEARNING FOR THE WARFIGHTER



HOW DO WE APPROACH LEARNING NOW?



Learning is downplayed



Prisoner of Time



Lost investment in talent



Learning Culture cues from leaders: "It is only a lot of reading if you do it"

WHAT LEARNING DIMENSIONS WILL ENDURE?



When she leads a Brigade Combat Team she will be able to design her team for optimal learning, she will access augmented intelligence for decision making and she will rely on a combination of humans and robots to execute commander's intent



“In the twenty-first century, knowing all the answers won’t distinguish someone’s intelligence—rather, the ability to ask all the right questions will be the mark of true genius”
E. Kelly III, IBM’s Senior Vice President, Cognitive Solutions

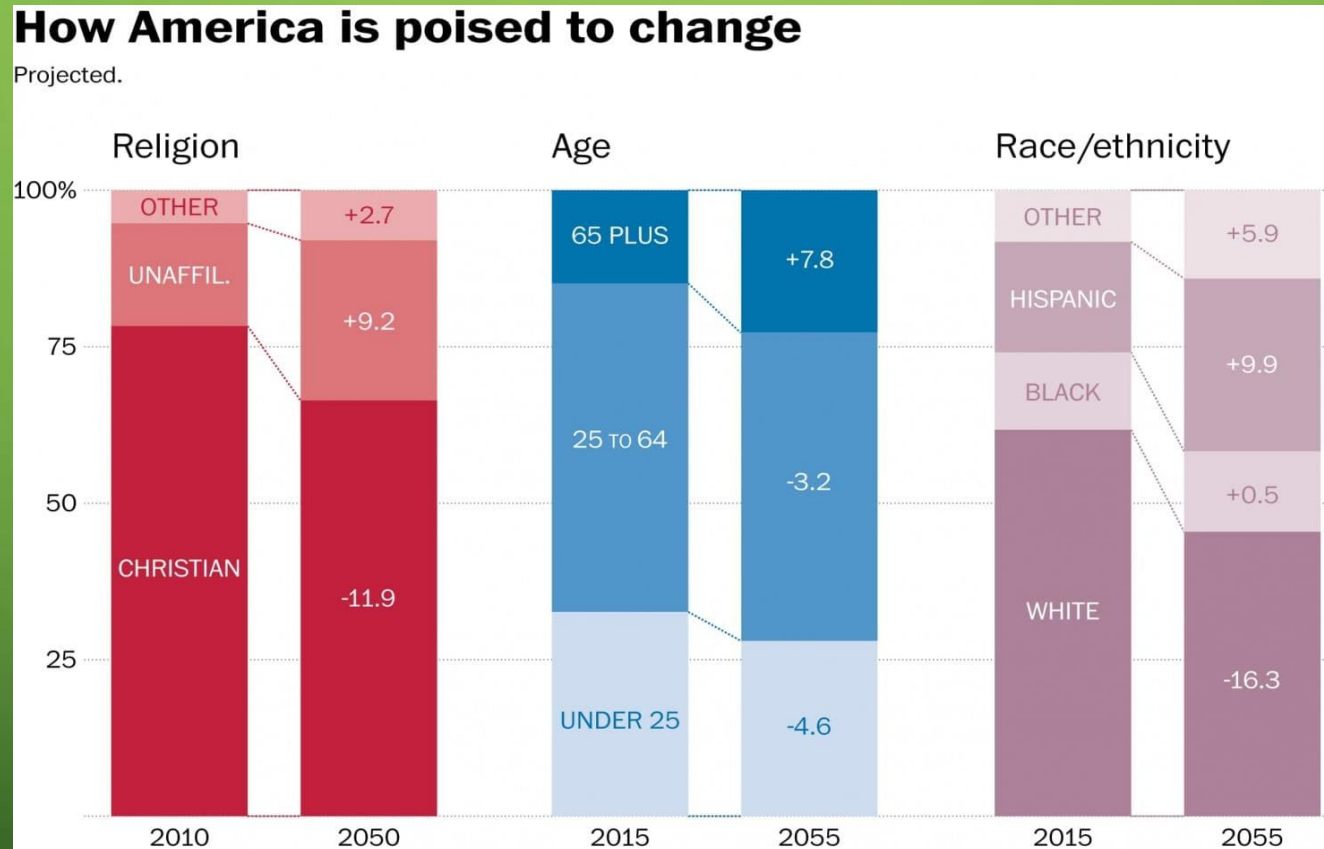
The background is a green gradient. In the corners, there are decorative circuit-like patterns made of thin yellow lines and small circles, resembling a printed circuit board (PCB) layout.

QUESTIONS

The background is a green gradient. In the corners, there are decorative circuit-like patterns made of thin yellow lines and small circles, resembling a printed circuit board (PCB) layout.

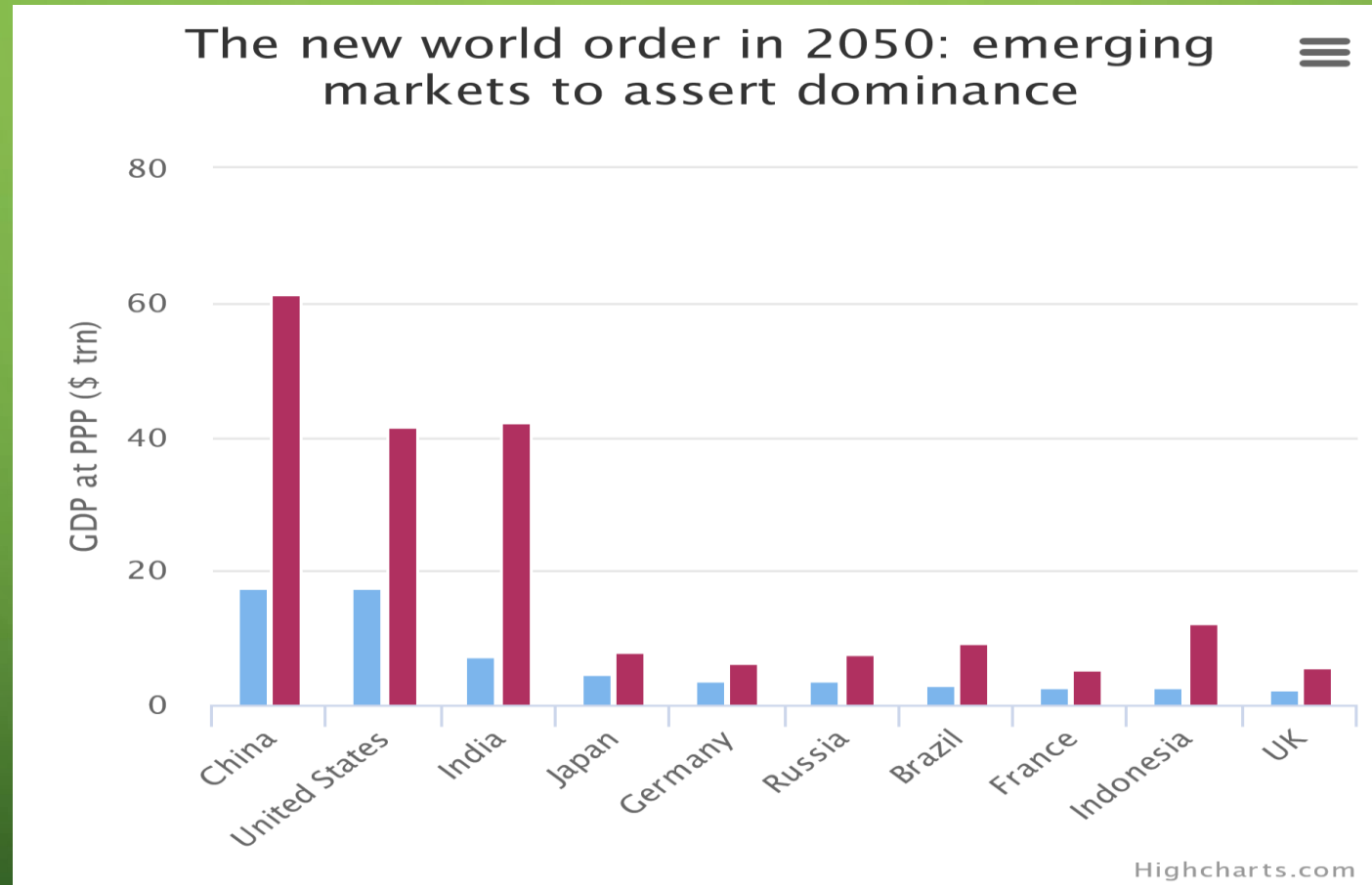
BACK-UP SLIDES

HOW WILL AMERICA CHANGE IN 2050?



Pew Trust Data

NEW WORLD ORDER IN 2050



PriceWaterhouse Coopers (PwC) Data – Jane's Journal