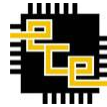


# The Internet's Present and Future: Technology and Policy Grand Challenges

## *Panelists:*

**David Love**  
**Mikhail Atallah**  
**Sanjay Rao**  
**Douglas Comer**  
**Robert Kahn**

*Moderator:*  
**Saurabh Bagchi**

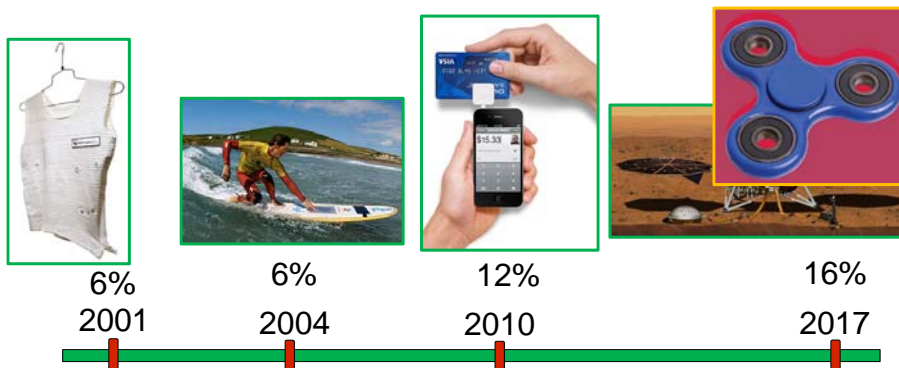


Slide 1/5

**PURDUE**  
UNIVERSITY

## Internet in Inventions

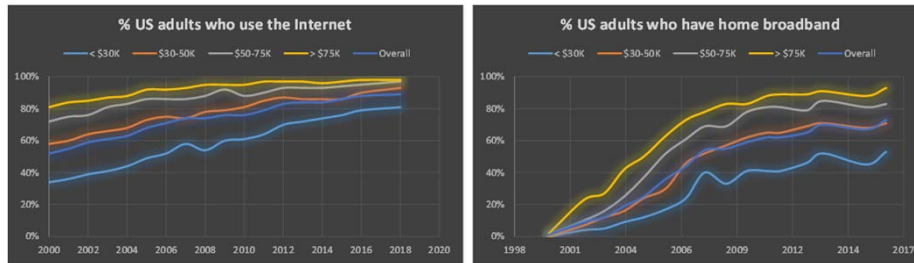
- How many of the Top 25 Inventions of the year are “significantly reliant on” the Internet?



Slide 2/5

**PURDUE**  
UNIVERSITY

## Internet's Reach



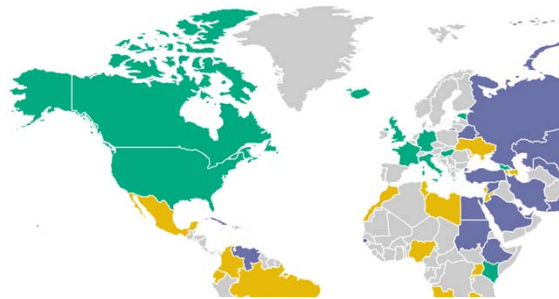
- When Pew Research Center began systematically tracking Americans' internet usage in early 2000, about half of all adults were already online. Today, roughly nine-in-ten American adults use the Internet.
- The proportion of American adults with high-speed broadband service at home increased rapidly between 2000 and 2010, but growth has slowed.
- Today, ~75% of American adults have broadband Internet service at home.



Slide 3/5

PURDUE  
UNIVERSITY

## Internet and Freedom



**Most Americans resist U.S. government taking steps against misinformation online that could limit freedoms**

% of U.S. adults who say ...

**U.S. govt. should take steps to restrict false info online, even if it limits freedom of info**

**Freedom of info should be protected, even if it means false info can be published**

39%

58%

**But more are open to tech companies taking action than the government**

% of U.S. adults who say ...

**Tech companies should take steps to restrict false info online, even if it limits freedom of info**

**Freedom of info should be protected, even if it means false info can be published**

56%

42%

March 2018

- Less than 25% of Internet users live in countries with a "Free Internet"
- Internet freedom has declined for 7 consecutive years
- "The Rebel Alliance strikes back": Tools for secure information exchange (Telegram, Signal, Tor, ...)

Source: Freedom House, Pew Research Center



Slide 4/5

PURDUE  
UNIVERSITY

## Questions

- What are the bright spots in technological innovation on the Internet today?
- Do we have to only do evolution or can we do revolution?
- What are the big policy battles that are worthy of our fight?
- How are the battle lines going to be drawn in such policy battles?
- Will Internet growth in different countries go hand-in-hand with GDP growth? With GDH growth?

