The
Impact of NITRD

Two Decades of Game-Changing Breakthroughs in Networking
and Information Technology — Expanding Possibilities Ahead

A Day in Your Life

Jeannette M. Wing
President's Professor of Computer Science and Department Head
Carnegie Mellon University
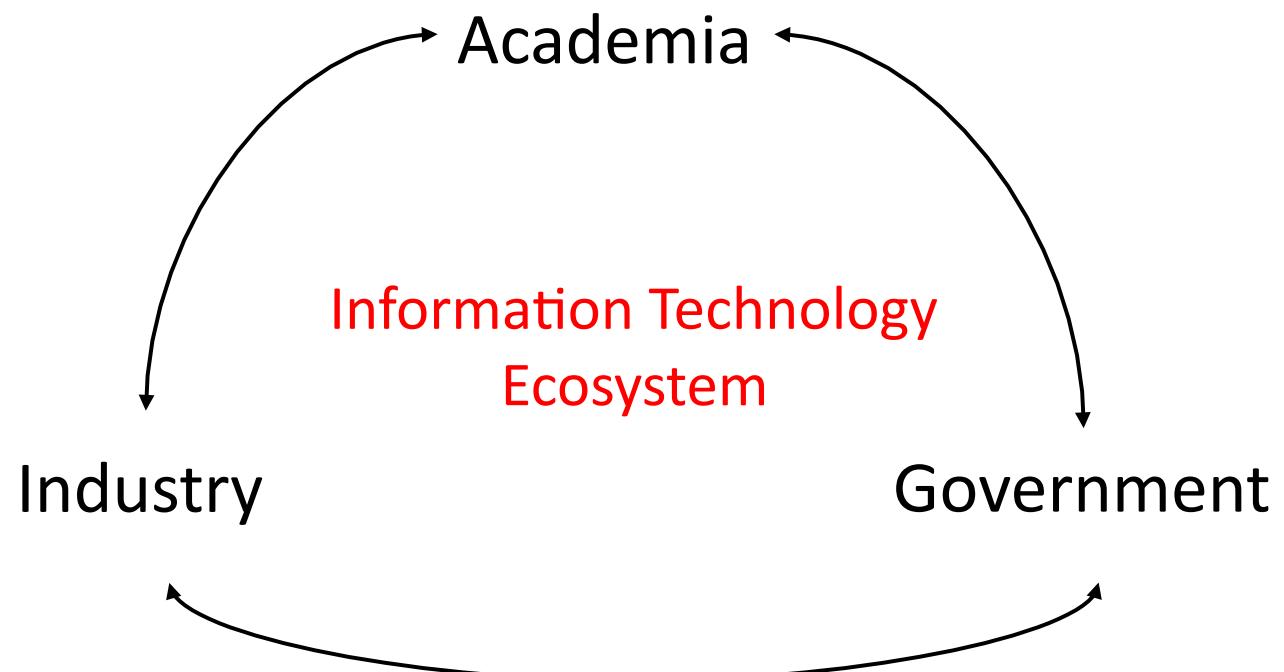
Academia

Information Technology
Ecosystem

Industry   Government

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Economic Impact

Societal Impact

Intuit

iRobot

Linked in

NETFLIX

twitter

ebaY

GROUPON

23andMe

facebook

WIKIPEDIA
The Free Encyclopedia

skype

zynga

patientslikeme

amazon.com

foursquare

ideeli

Nintendo

SECOND LIFE

gaia ONLINE

friendster

You Tube
Broadcast Yourself

flickr BLOG

WORLD WARCRAFT

travelocity

eHarmony

myspace.com
a place for friends

OnlineGames.net
THE FUN NEVER STOPS!

match.com
love is complicated. match is simple.

liveHarmony

BRIGHTPOINT OnLine

Shopping.com

BETA GuildCafe

E*TRADE FINANCIAL

1991

NITRD was created.

Sergey Brin was
a freshman in college.

Larry Page was still
in high school.

Mark Zuckerberg
was 6 years old.

A Day in Your Life:

20 Years Ago and Today

Waking Up

Turning on the Lights

9

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Heating and Cooling Your Home

Home of Tomorrow

Cleaning the House

12

Making Phone Calls

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Driving

14

Cars of Tomorrow

15

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Walking

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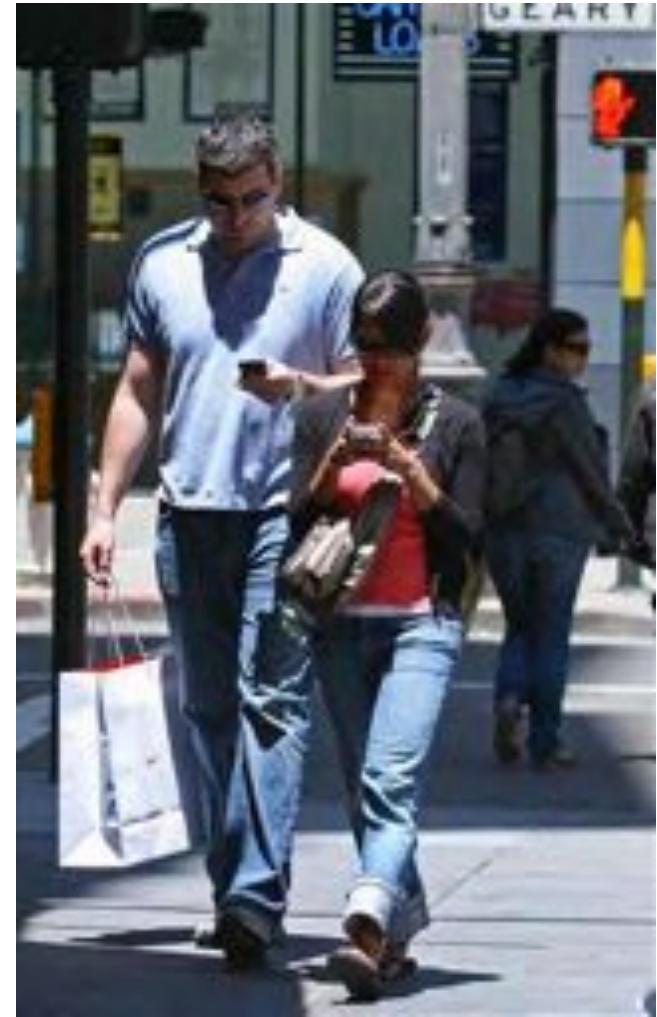
Navigating

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Searching for Information

"Look it up."

"Google it."

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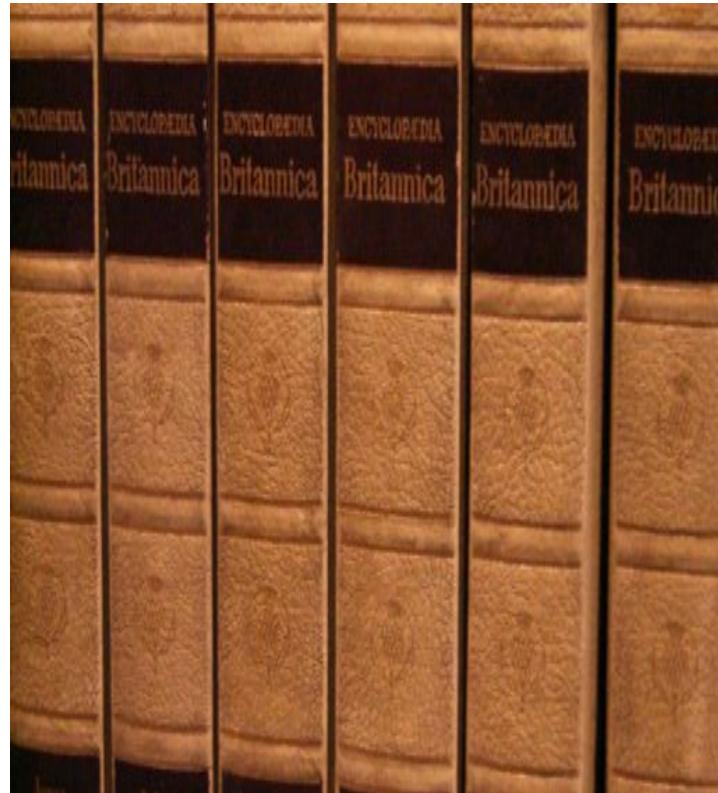
Thinking

Pipelining:
How can I
maximize
throughput and
eliminate
backtracking?

Computational Thinker

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At Play

Falling in Love

21

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Reading Books
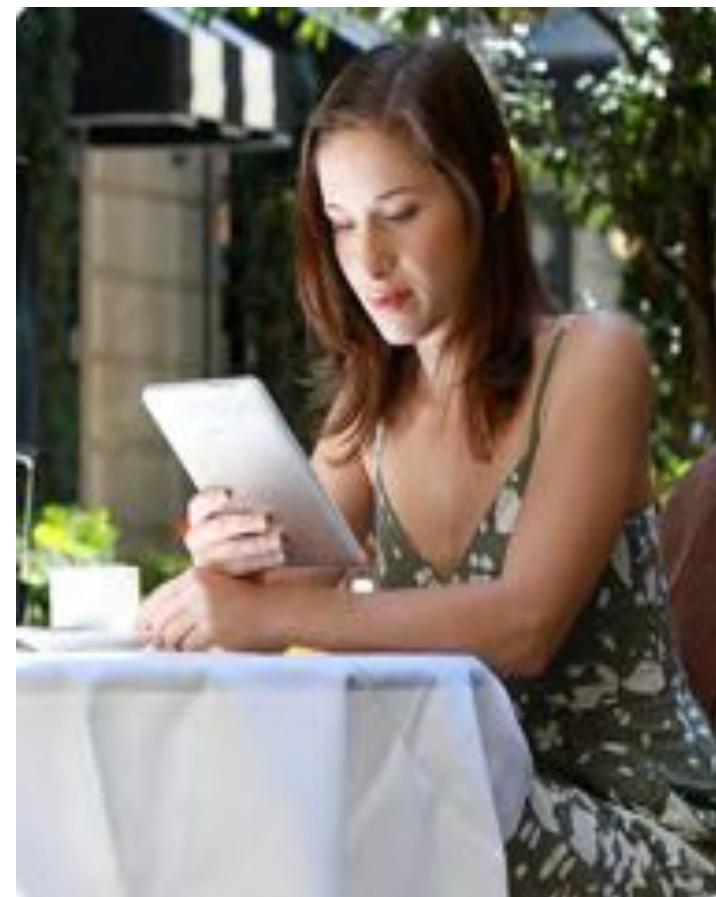
Listening to Music

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Watching Movies

Shopping

25

Watching Sports

Visiting Grandma and Grandpa

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Visiting Grandma and Grandpa Tomorrow

28

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Falling Asleep

At Work

Healthcare

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Agriculture

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Engineering

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Education

MITx
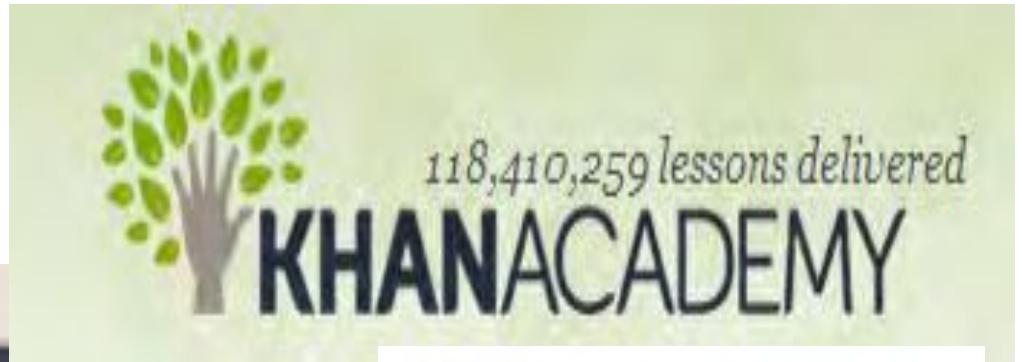
Mathematics: Proving Theorems

The polymath blog
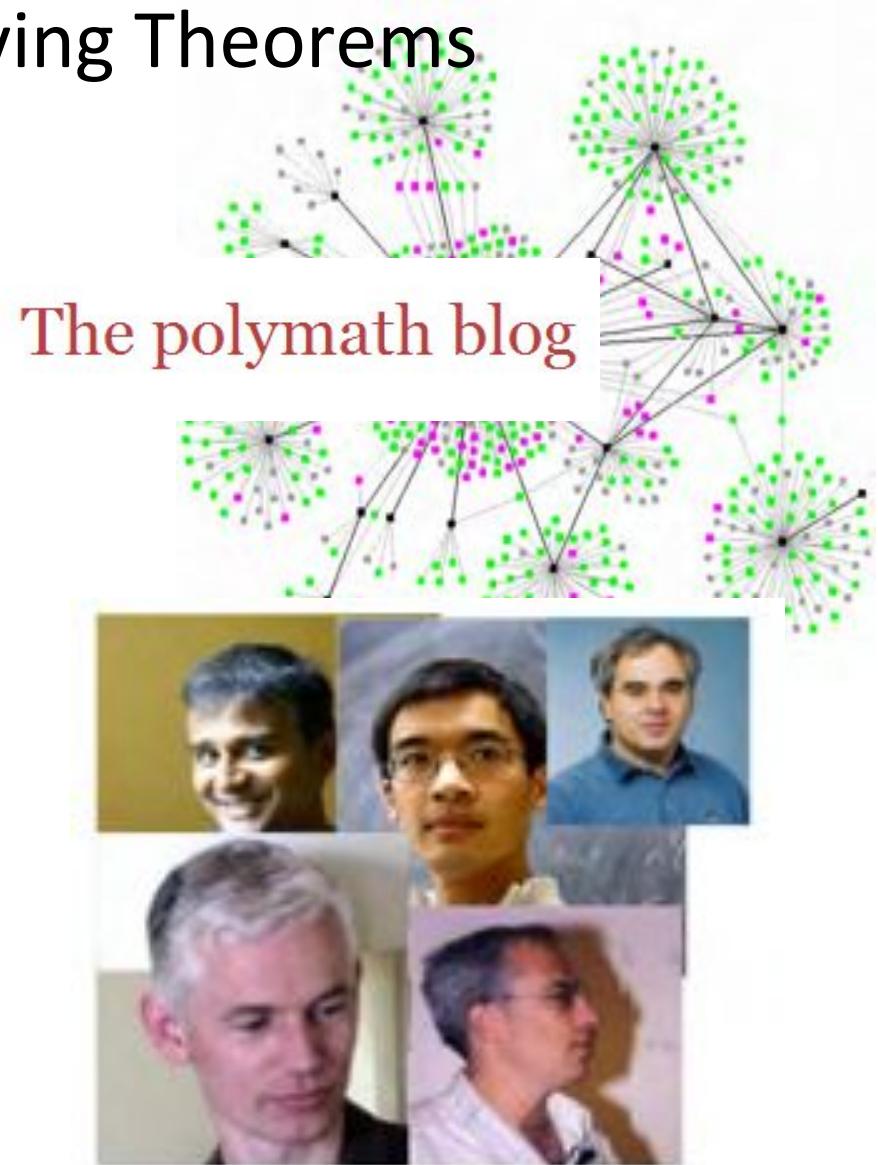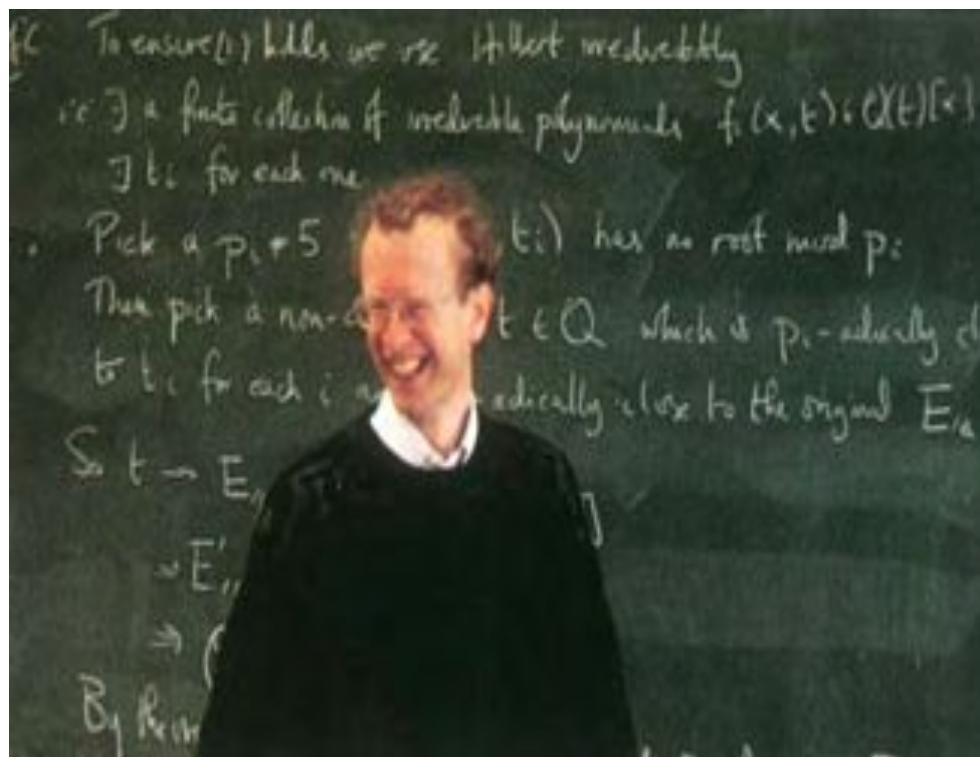
Gödel's Lost Letter and P=NP

Biology: Genetics

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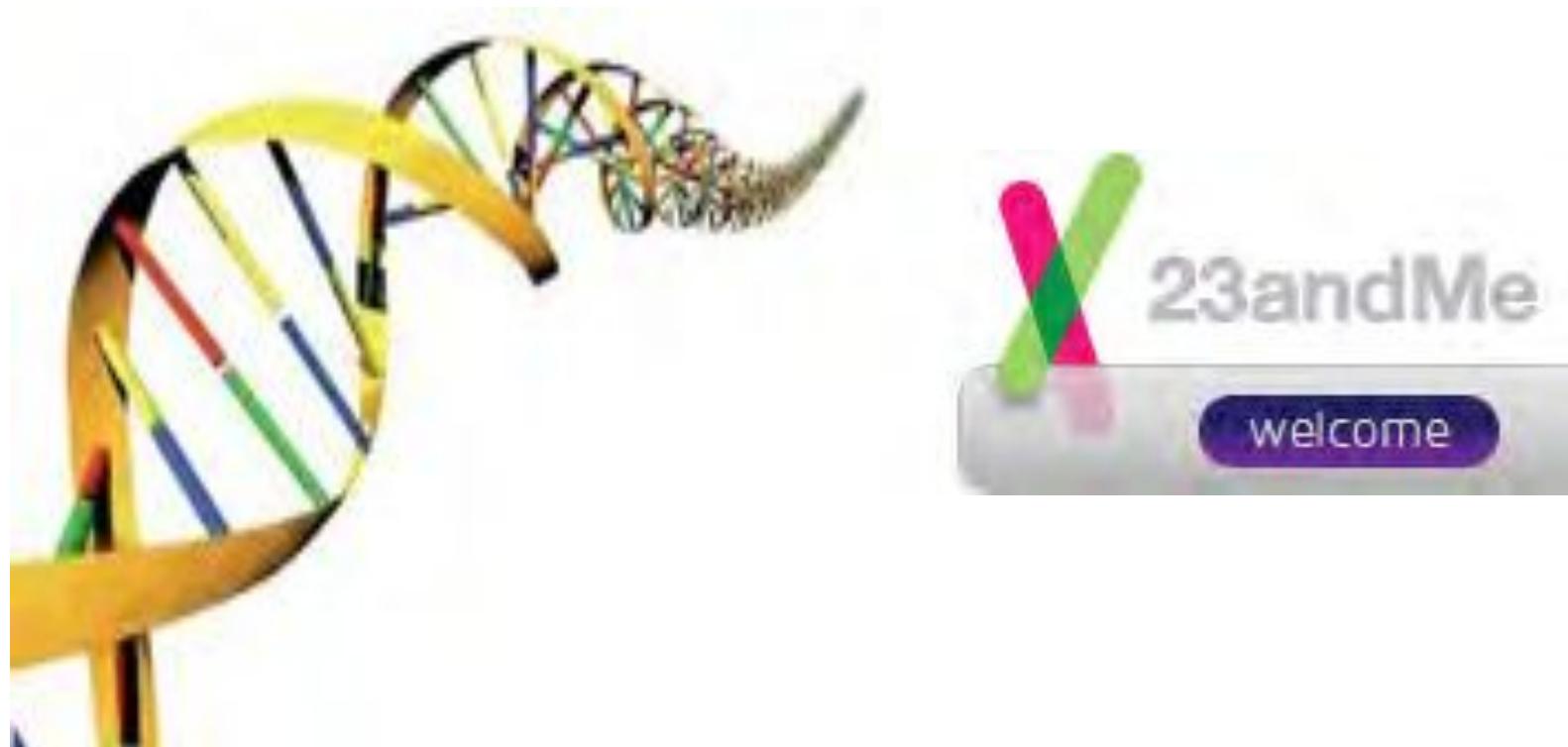
Biology: Protein Structure

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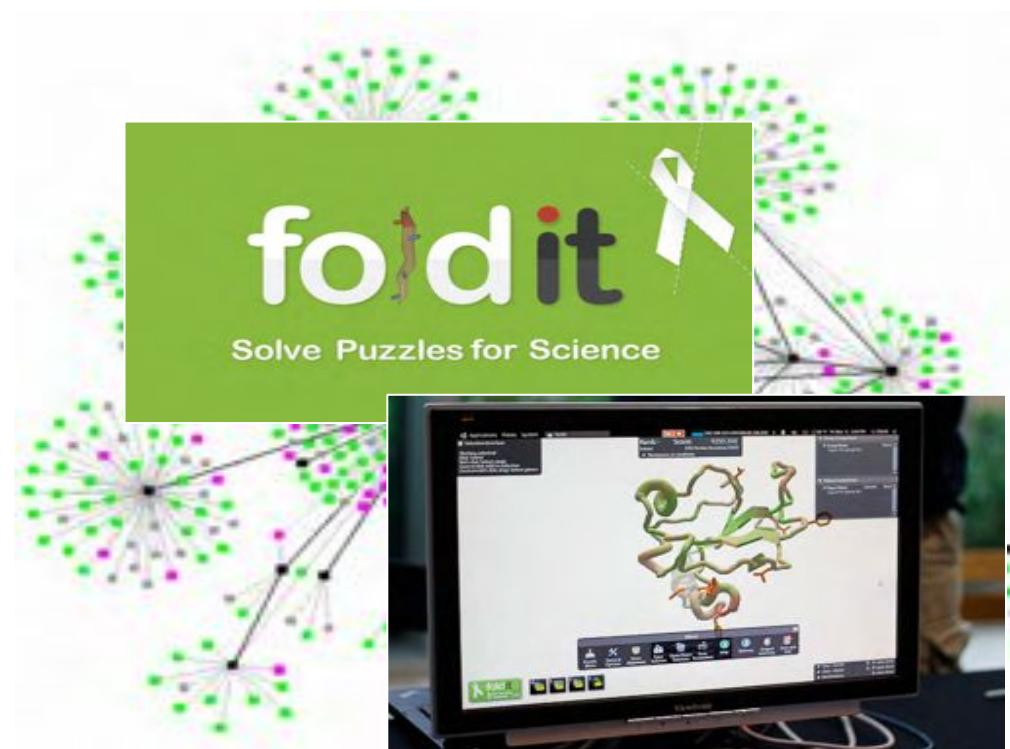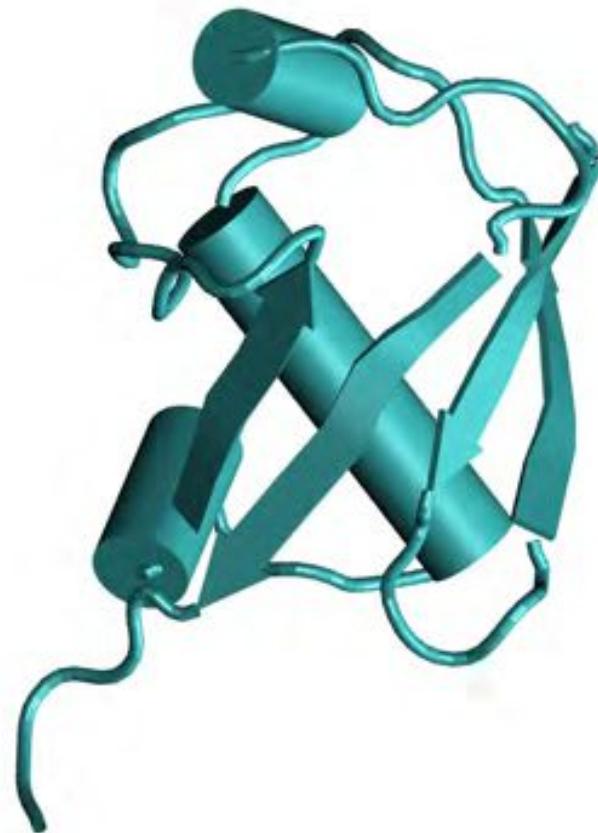
Healthcare

Education

Entertainment

Energy

Information Technology
Impacts Our Daily Lives
and
Every Sector of Society

Transportation

Journalism

Agriculture

Law
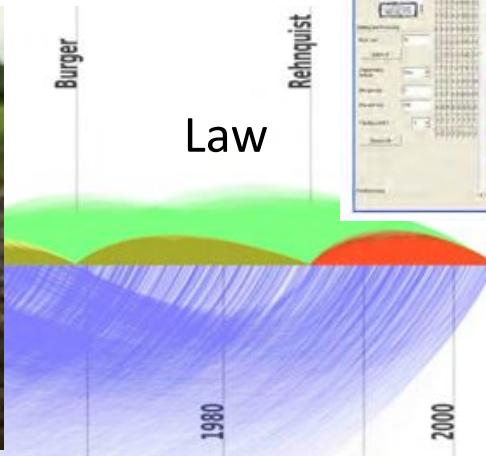
Science

Manufacturing

20 Years Ago

Chrome, Firefox, and Internet Explorer didn't exist.

Amazon, Facebook, Google, Netflix, Skype, Twitter, and YouTube
didn't exist.

Android, Blackberry, iPod, iPhone, iPad, and Kindle
didn't exist.

Imagine your life without them!

Advances and US leadership in
information technology
have changed our lives
over the past 20 years.

Imagine what life will be like in another 20 years.

**Today, you will get a peek at the future.**

Thank You!

Outtakes

Dating

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Boarding an Airplane

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Thinking

Computational Thinker