



Remarks to the Open Forum on U.S. and OECD Innovation Policy

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Need to Improve Progress on Key Indicators of Global Competitiveness

Innovation Trend

Rank	Country	Change Score (1999-2009)
1	China	19.5
2	Singapore	19.0
3	Lithuania	14.8
4	Estonia	18.1
5	Denmark	17.4
6	Luxembourg	16.9
7	Slovenia	16.7
▶ 40	U.S.	2.7

E-Government

Rank	Country	Percent Change (2005-2008)
1	China	21%
2	Spain	20%
3	France	16%
4	Russia	16%
5	EU-10	12%
6	S. Korea	12%
7	Japan	11%
▶ 22	U.S.	-7%

Higher Education

Rank	Country	Percent Change (1999-2005)
1	Poland	117%
2	S. Korea	46%
3	Ireland	41%
4	Australia	31%
5	UK	30%
6	EU-25	27%
7	France	26%
▶ 15	U.S.	3%



President's Strategy for American Innovation

Tech Role in Innovation for Sustainable Growth and Quality Jobs

Open Government Initiative focused on empowering everyday Americans

Catalyze Breakthroughs for National Priorities

- Unleash a clean energy revolution
- Support advanced vehicle technology
- Drive breakthroughs in health IT
- Address scientific "grand challenges"

Smart Grid and Health IT Apps innovation efforts underway

Promote Competitive Markets that Spur Productive Entrepreneurship

- Promote American exports
- Support open capital markets that allocate resources to the most promising ideas
- Encourage high-growth and innovation-based entrepreneurship
- Improve public sector innovation and support community innovation

Cloud Computing and Mobility as platforms for growth

Invest in the Building Blocks of American Innovation

- Restore American leadership in fundamental research
- Educate the next generation with 21st century knowledge and skills; create a world-class workforce
- Build a leading physical infrastructure
- Develop an advanced information technology ecosystem

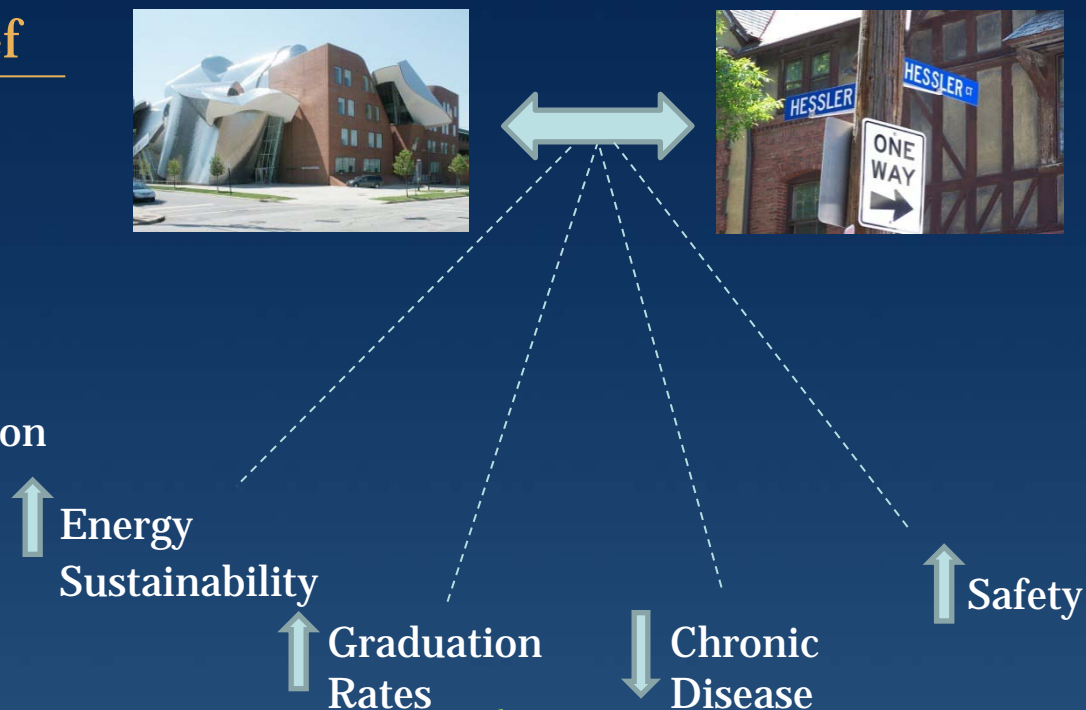


“Beta Block” R&D Initiative to Connect Neighbors

Internally Funded Effort to Deliver 1 Gig to Poorest Homes

Case Western Project in Brief

- Launched in November 2009
- Case Western Reserve University collaborative includes 40+ partners, 100+ household gigabit network
- R&D effort, with private sector stakeholder support, to spur innovation in poor communities “next door”
- Program metrics and goals set to measure changes related to:
 - Neighborhood Safety
 - Health and Wellness
 - STEM Education
 - Energy Sustainability



Leverages ultra-high speed broadband networks; federal grant to (nearly) double network size and deliver up to 100 gigabit/second speeds between nodes



Wireless Health App Closes Information Gap

Text4baby Campaign Exceeds 50,000 Subscribers Since February

**Secretary Clinton
announces collaborative
with Russia to replicate
success**

She's one smart mom

She's got **text4baby**



Text **BABY** to 511411

Get **FREE** messages on
your cell phone to help you
through your pregnancy
and your baby's first year

Public-Private Partnership in Brief

- Text4Baby is a *free* mobile health education service to promote maternal and child health
- 15 wireless carriers have agreed to deliver Text4baby messages to subscribers at **NO CHARGE** for 2 years
- Women who sign up will receive three free SMS text messages each week, timed to their due date or baby's date of birth

Partners Include:

National Healthy Mothers, Healthy Babies Coalition; Voxiva; CTIA Wireless Foundation; Grey Health Group; Johnson & Johnson; Wellpoint; Pfizer; CareFirst BlueCross BlueShield; GW University; MTV; General Mills; and many more

**Presidential Memorandum
calls for doubling the
amount of available
spectrum for mobile
broadband – 500 MHz – to
be auctioned within ten years**



Investments in R&D Spur Jobs of the Future

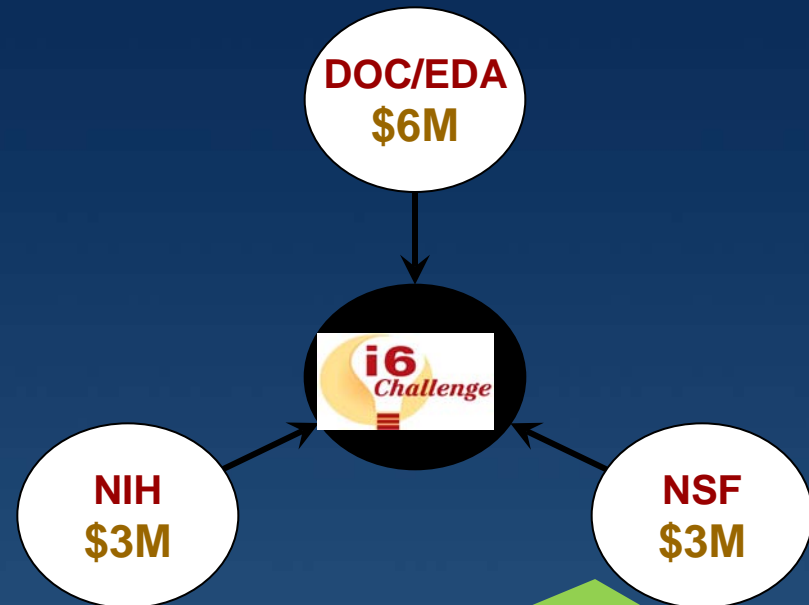
Focus on Translation Capacity Across Nation's Universities

“Doubling” R&D Commitment



Projections for NSF, DoE Science, NIST labs as noted in FY11 budget

I6 Challenge in Brief



EDA proposals due June 15th; FY11 budget includes additional \$12M for NSF's "Partnerships for Innovation" to build on what works



The Birth of an Open Government Ecosystem

HHS Launches Community Health Data Initiative (CHDI)



HHS launches CHDI June 2nd - demonstrating 20+ apps recently built or improved by innovators across the country using data HHS has made public (with much more to come)

Example: Microsoft announces Bing Health Maps and the incorporation of “Hospital Compare” data in search results – “bringing the data to you”



Your Wanted: Health 2.0 Developer Challenge

2010 Health 2.0 DEVELOPER CHALLENGE

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Challenges

Interested in submitting your own challenge? [Click here!](#)

Community Health Data Initiative is a flagship for HHS open government

Real-Time Patient-Driven Data Challenge
Challenger: Practice Fusion
Connect innovative Health 2.0 tools directly to a platform of 43,000 medical providers and 4 million patients.
[Apply to Solve!](#)

The Living Record: Rethinking Medical Record Documentation
Challenger: Szollosi Healthcare Innovation Program
Can we create an EMR using publicly available blog/wiki software?
[Apply to Solve!](#)

Why-Health ?!?!
Challenger: www.whyville.net
Develop a graphical data mashup, a game, or some other interactive digital resource that makes health related data accessible, understandable and actionable by our young users.

Move Your App! Developer Challenge
Challenger: Snaptic and HopeLabs
What kind of app can you build to encourage people to get in motion? How can movement be just as easy and fun as checking-in or updating a status?



A Commitment to Drive Innovation in Health IT

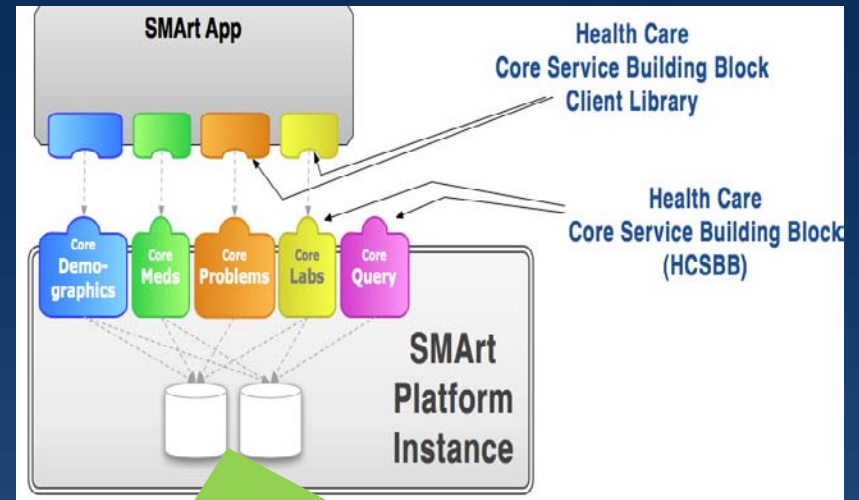
Open Collaborations to Catalyze Breakthroughs in Apps, Exchange

NHIN Direct Project in Brief



“A set of policies, standards and services that enable the Internet to be used for secure and meaningful exchange of health information to improve health and health care” – Tech Specs by June, Implementations by October, 2010

SHARP Grantee - SMARt Apps



Harvard researchers focused on health platforms (like Indivo) to support substitutable apps – prototypes by 2011; aligned with “modular” certification for “meaningful use”



The Smart Grid Opportunity

Smart Grid ARRA Investments to Help 3,000 Homes this Summer



NSTAR and Tendril to deploy real-time energy apps for 3,000+ homes in MA this summer – expecting 5% peak reduction

