

CENTER FOR ACCELERATING
INNOVATION AND **IMPACT**
USAID | GLOBAL HEALTH

UNICEF Zika Diagnostics and Vaccine Industry Consultation

May 11-12, 2016

Wendy Taylor

Director

USAID | Center for Accelerating Innovation and Impact

Strategic approach

role

Accelerate the development, introduction and scale up of priority global health interventions

approach

Promote and reinforce innovative, *business-minded approaches* to address key bottlenecks in development, introduction and scale up

what we do



what we do



- 1 identify + share best practices
- 2 catalyze new innovation
- 3 plan for intro + scale
- 4 utilize innovative financing
- 5 shape markets
- 6 leverage the private sector

Issued multiple Grand Challenges



COMBATING **ZIKA**
AND FUTURE THREATS
A GRAND CHALLENGE FOR DEVELOPMENT



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- \$30 Million Challenge
- Awards ~ \$100,000 - \$1 million

What we're looking for

ZIKA

- Vector control
- Personal / household protection
- Detection
- Surveillance
- Community engagement

DUE
MAY 20

FUTURE THREATS

PREVENT

- Vector control
- Personal, household protection
- Healthcare worker safety

DETECT

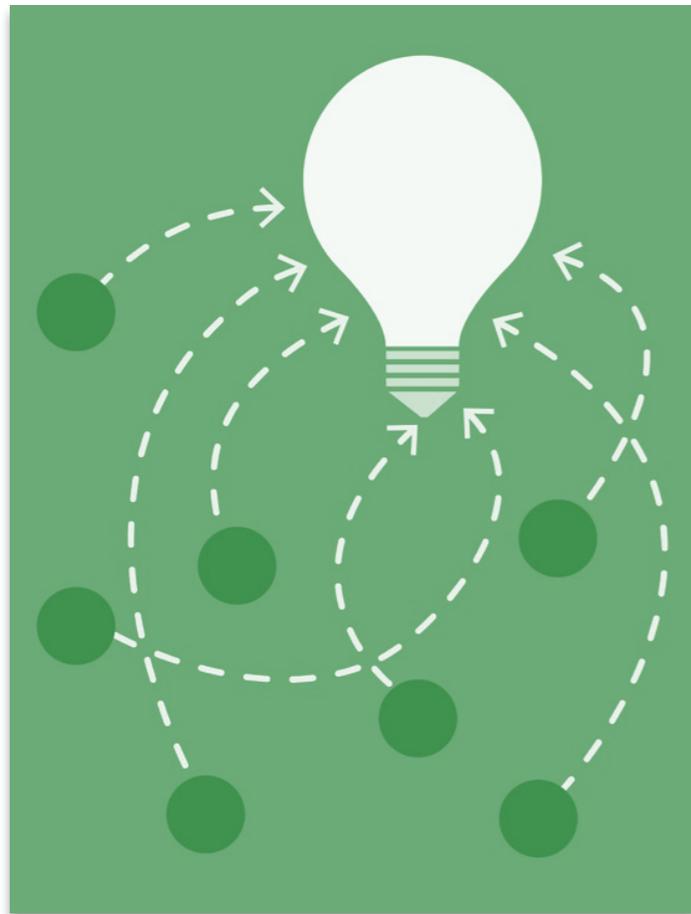
- Surveillance
- Clinic and lab systems
- Diagnostics
- Sample transport

RESPOND

- Community engagement
- Healthcare worker tools

DUE
JUNE 17

Ways to engage



CROWDSOURCE

openIDEO



3 words to address the world

Every 3mx3m in the world now has a unique and simple 3 word address. This helps track disease, deliver aid and coordinate response.

Giles
Updated 16 hours ago

Mosquito Trap ideas!

Johns Hopkins' Center for Bioengineering Innovation and Design and Jhpiego comes up with exciting, innovative ideas to deal with the issue.

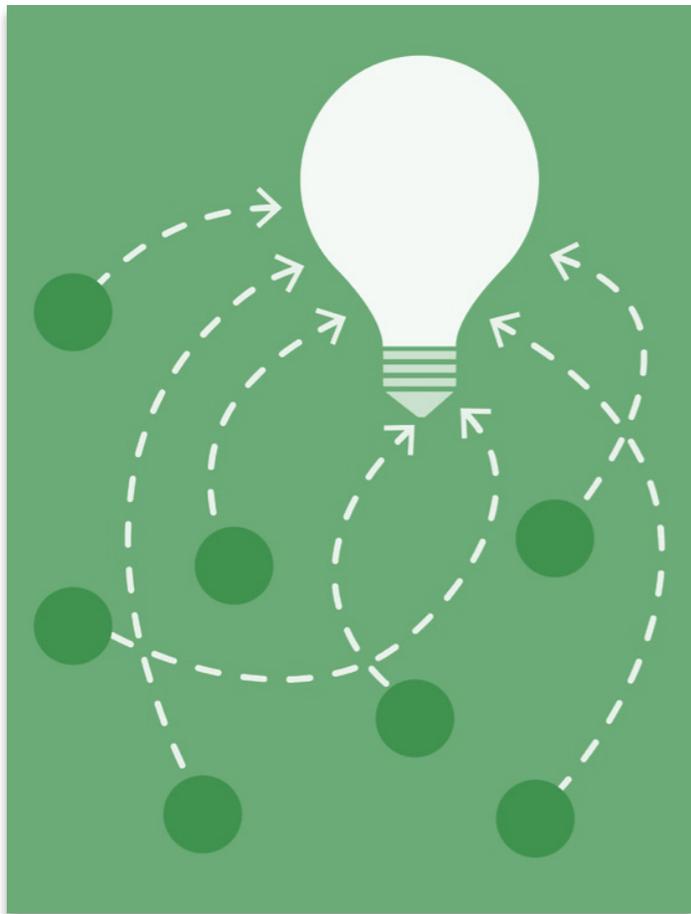
Priyanka Kalmene
2 hours ago

Virology

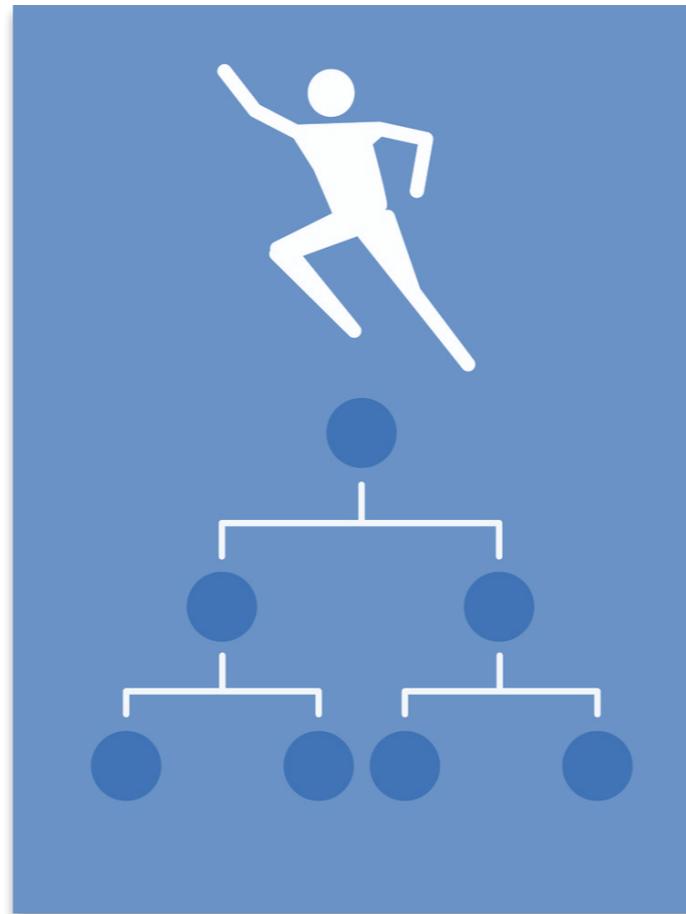
Protein scaffolds in viruses can serve as templates for cleavage of their genomes.

Ottar Stensvold
7 hours ago

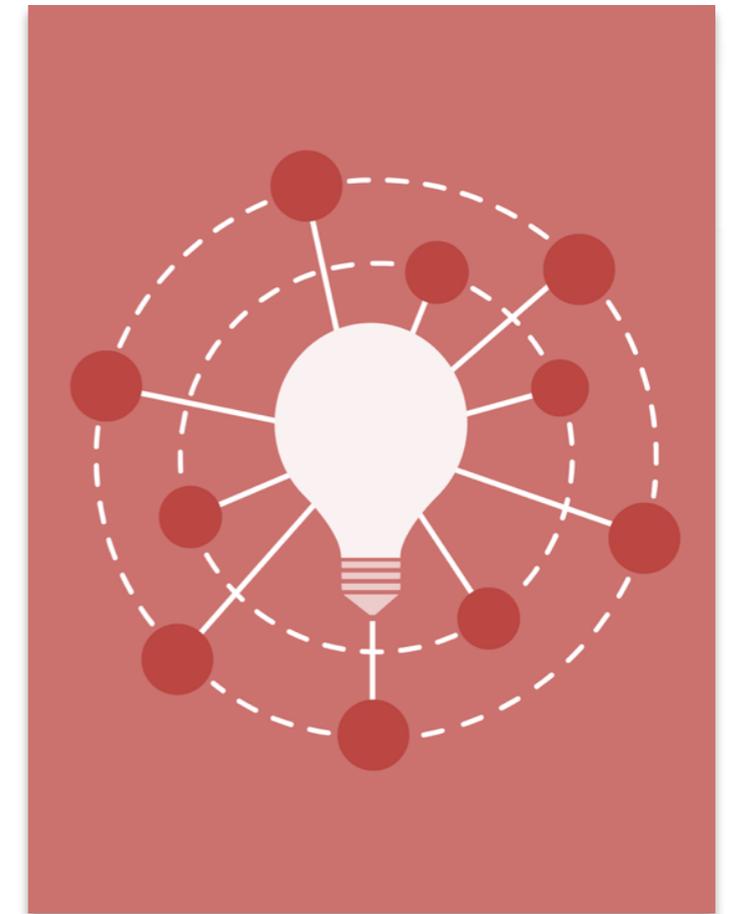
Ways to engage



CROWDSOURCE



COMPETE



COLLABORATE

USAID will support innovators we fund to test and scale their innovations

- Gain access to testing sites



Testing "smart bandaid" in IMC ETU in Sierre Leone

USAID will support innovators we fund to test and scale their innovations

- Gaining access to testing sites
- Help get critical user feedback



Baylor's rapidly deployable ETU – major design pivot after user feedback

USAID will support innovators we fund to test and scale their innovations

- Gain access to testing sites
- Help get critical user feedback
- Build partnerships

The Washington Post

Grade Point

A Johns Hopkins team designed an Ebola suit so good, it's going on the market

By Susan Svrluga September 28 |



USAID will support innovators we fund to test and scale their innovations

- Gain access to testing sites
- Help get critical user feedback
- Build partnerships
- Connect innovators to key influencers and buyers



WHO hosted two meetings for innovators



MSF hosted innovators at mock ETU in Brussels to review with staff



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TO APPLY FOR FUNDING:
[usaid.gov/grandchallenges/zika](https://www.usaid.gov/grandchallenges/zika)