Innovation for Healthcare

Geoff Mulgan

Nesta...
Open innovation

Social innovation

User innovation

Innovation in services

Open source innovation

Challenge-based Innovation

Open innovation

Maker spaces
Understanding new opportunities (e.g., machine learning) and challenges (e.g., Ebola).

Ideation, prizes, open calls, accelerators ….

Generating ideas

Pilots, prototypes, experiments, fast iteration

Opportunities & challenges

Evidence generation & evaluation, business model development

Making the case

Delivering & implementing

Changing systems

Shaping whole systems – policy & practice

Programmes, laws, incentivising adoption …
1. Futures – shared ideas about what’s possible
THE NHS IN 2030
A VISION OF A PEOPLE-POWERED, KNOWLEDGE-POWERED HEALTH SYSTEM

Jessica Bland, Halima Khan, John Loder, Tom Symons and Stian Westlake | JULY 2015
2. Open innovation – turning the traditional R&D model on its head
LONGITUDE PRIZE OPEN NOW

Longitude Prize is a challenge with a £10 million prize fund to help solve the problem of global antibiotic resistance. It is being run by Nesta, supported by Innovate UK, the new name for the Technology Strategy Board, as funding partner.
3. Co-creation - mobilising citizen energy
“Opening my home to someone has been amazing! I’d definitely recommend it.”

If you’re interested in the great experience of becoming a Shared Lives Carer, you can find out what’s involved here:

More Information
4. Human centred design
Whittington Hospital Pharmacy (UK)

HOW OUR PHARMACY WORKS

1. Go to Prescription Hand In
2. Collect a ticket
3. Wait until your number is shown
4. Pick up medication from collection point

CAFE

PRESCRIPTION
HAND IN

TOILETS

PRESIDENT
HAND IN

Images by Tilt (www.designcouncil.org.uk/resources/case-study/whittington-hospital-pharmacy)
5. Innovation as assembly
Assembling multiple elements – and combining machine and human intelligence. Google maps as an example …
6. Finance for impact

(make money work harder ...
Citymart transforms the way cities solve problems, connecting them with new ideas through open challenges to entrepreneurs and citizens.
7. Systems methods
Helping health systems think and act as collaborative systems
Actions Taken

IAM FORM
- Patient held record
- Also available electronically

Enhanced MDT

100 Day Challenge Teams

Single Point of Access
for professionals, patients and carers

IAM Form Electronically available

SERVICE DIRECTORY / System 1

Secondary Care

Super Volunteers

Real Time Data

Community nursing team
- Community Assessment Team in A&E

Rapid Results Actions Taken

Home

Community Assessment Team in A&E
8. Evidence and experiment - for services and management as well as clinical methods
The Alliance for Useful Evidence champions the use of evidence in social policy and practice. We are an open-access network of individuals from across government, universities, charities, business and local authorities in the UK.
Level 1
You can describe what you do and why it matters, logically, coherently and convincingly

Level 2
You capture data that shows positive change, but you cannot confirm you caused this

Level 3
You can demonstrate causality using a control or comparison group

Level 4
You have one + independent replication evaluations that confirms these conclusions

Level 5
You have manuals, systems and procedures to ensure consistent replication
9. Citizen science in healthcare – turning daily life into a laboratory
10. Innovation in democracy

(public services as conversation ...)
Technologies for 21st Century democracy

- Be notified and keep informed on issues that matter to you
- Propose and draft solutions and policy collaboratively
- Decide and vote on solutions collectively
- Implement and reward everyone while tracking progress