



Department
of Health

National Institute for Health Research – An Overview

Justin Riordan-Jones

23rd June 2014

DH – Leading the nation's health and care



Department
of Health



*National Institute for
Health Research*



Why is the Government committed to Research in the NHS?

- improve **health outcomes** through advances in research
- improve **quality of care** by NHS participation in the research process
- strengthen International competitive position in **science**
- drive **economic growth** through investment by life science industries

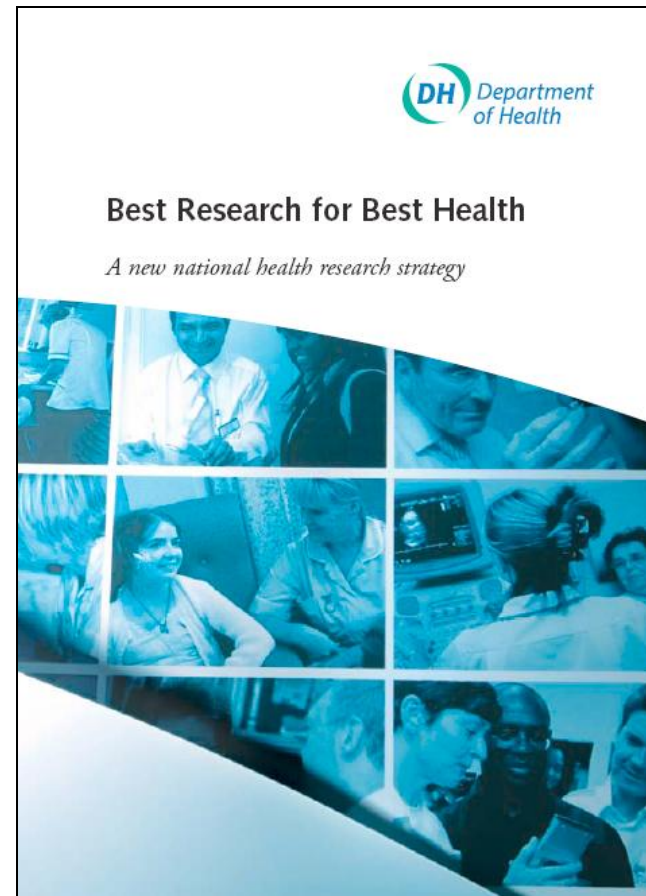
Health and Wealth



The Health Research System



**Recognition of barriers
& Consultation on
plans, 2005**



**New Government
Strategy, 2006**



Best Research for Best Health

A new national health research strategy



January 2006

Vision

- To improve the health and wealth of the nation through research
- To create a **health research system** in which the NHS supports outstanding individuals, working in world class facilities, conducting leading-edge research
- focused on the needs of patients and the public
- Delivered through the **National Institute for Health Research (NIHR)**
- Established as a distributed institute from April 2006

The National Institute for Health Research

Goals

- Transform **research in the NHS**
- Increase the volume of **applied health research** for the benefit of patients and the public
- Develop and support the **people** who conduct and contribute to applied health research

Partnership

- Between **Government, Charity and Industry**
- Between **NHS and University**
- Between research **leaders** and research **facilitators**
- Between different health care **professions**
- Between different research **disciplines**
- Between **researchers** and **patients**

A Health Research System

Research and growth: Strategy for UK Life Sciences



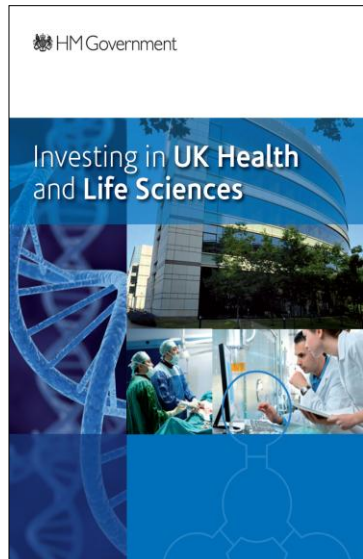
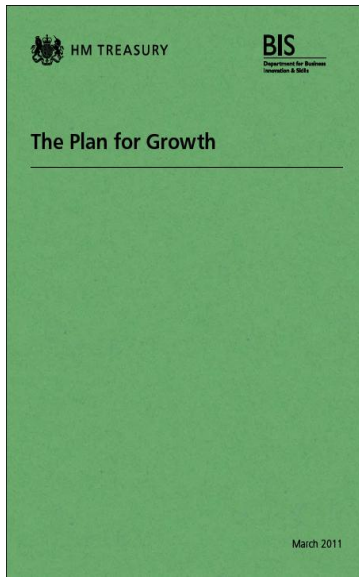
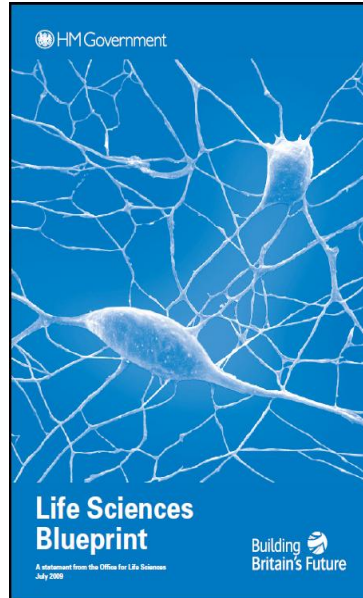
“Life science - and the UK’s role in it - is at a crossroads.

Behind us lies a great history of discovery, from the unravelling of DNA to MRI scanning and genetic sequencing.

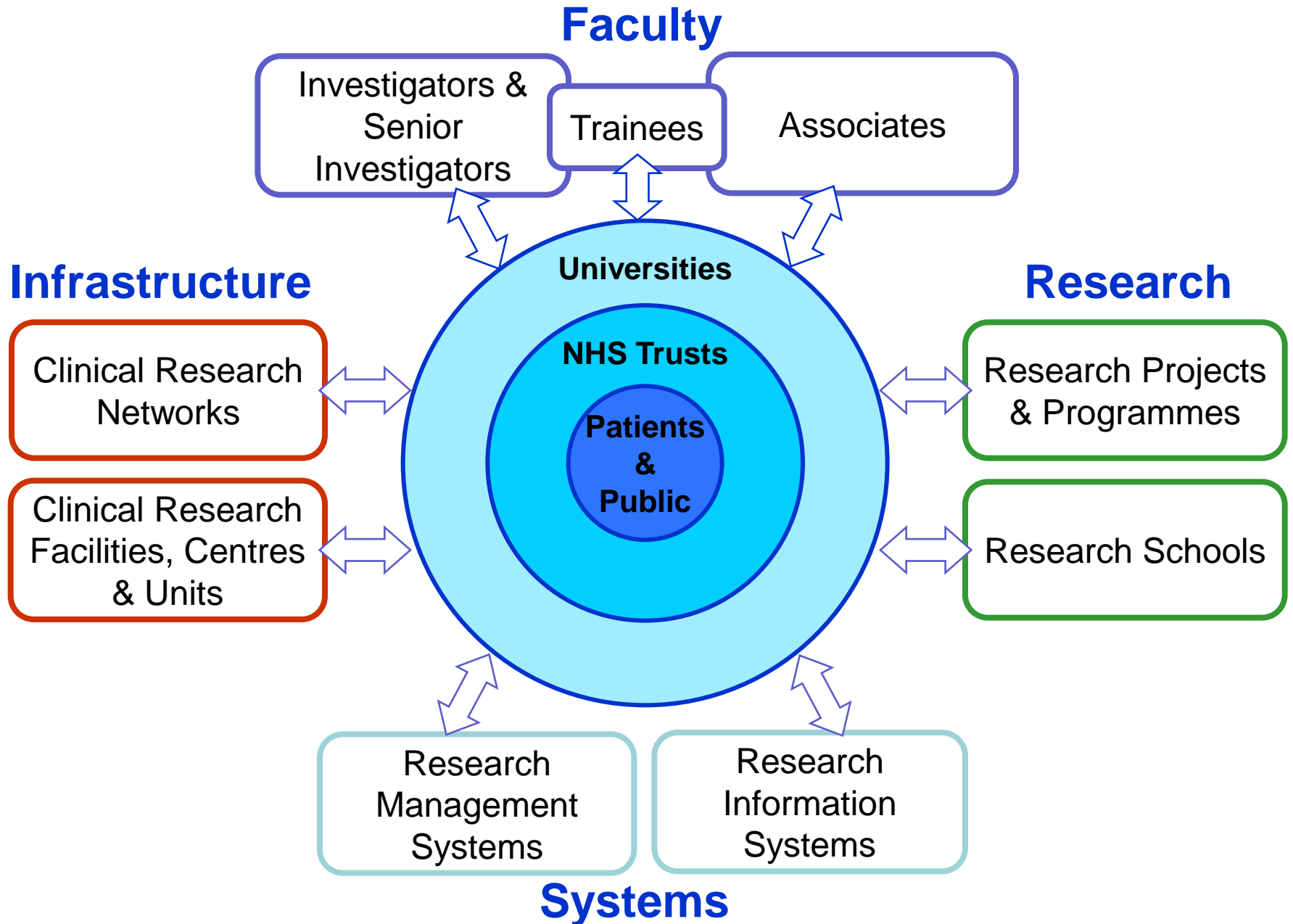
We can be proud of our past, but this government is acutely aware that we cannot be complacent about the future.”

David Cameron
December 2011

Policy focus on growth



NIHR Health Research System



Faculty



“...outstanding individuals...”



Aim

Attract, develop and retain the best research professionals to conduct and support people-based research

NIHR Faculty

NIHR Senior Investigators

- A 'College' of NIHR's most prominent leaders of clinical and applied health and social care research selected from NIHR Investigators

NIHR Investigators

- Faculty members who are directly engaged in doing research funded by NIHR or the Department of Health Policy Research Programme (PRP), and who are employed by an NHS organisation, a university, or a charity based in England

NIHR Associates

- Faculty members who support research led by others

NIHR Trainees

- The next generation of researchers, whose salaries are supported through NIHR training awards or NIHR-funded studentships

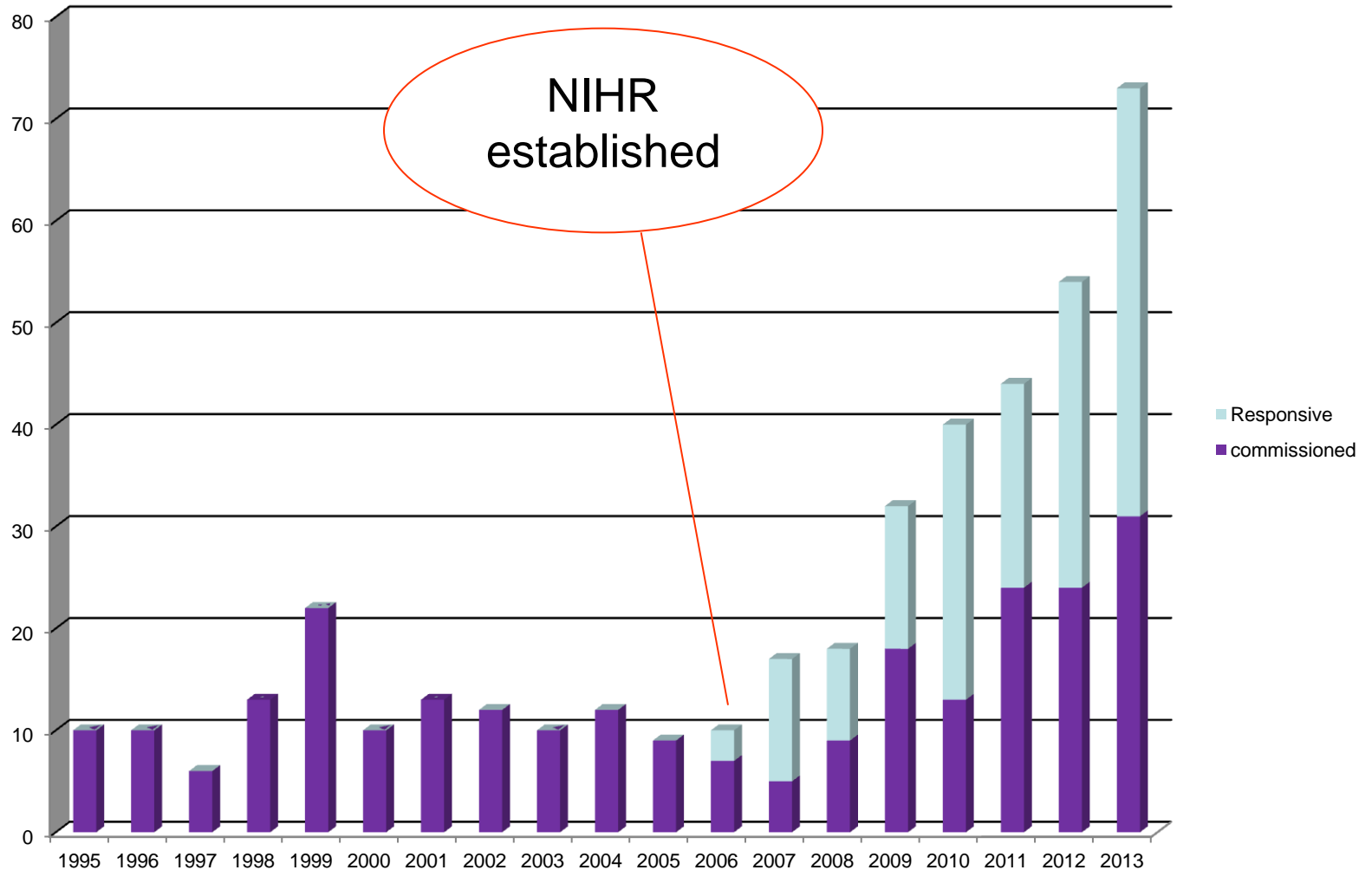
*“...leading-edge research focused on
the needs of patients and the public...”*

Research

Research Projects
& Programmes

Research Schools

Clinical trials funded by the NIHR HTA programme



Infrastructure

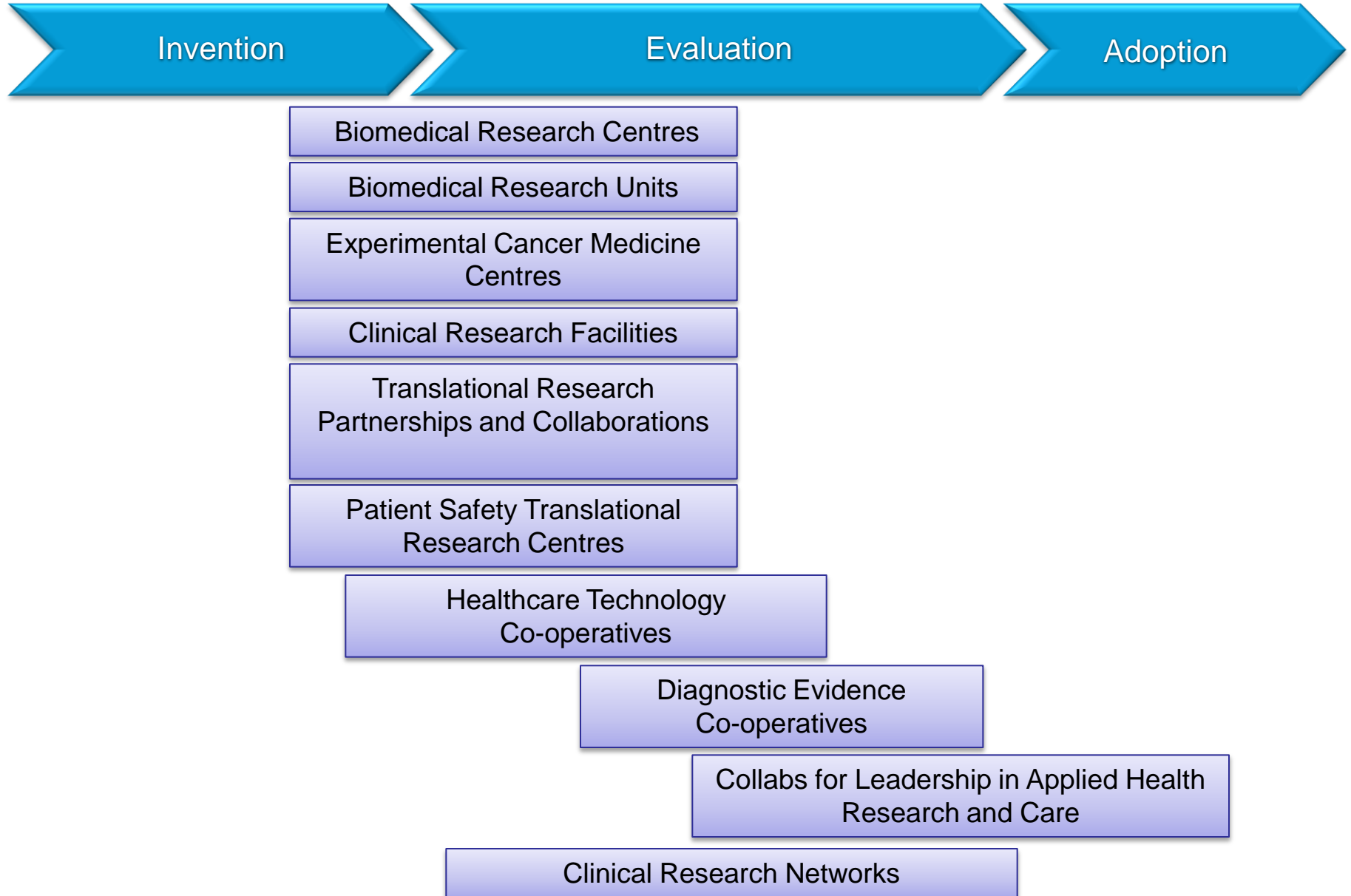
Clinical Research
Networks

Clinical Research
Facilities, Centres
& Units

Aim

Harness the research potential of the NHS to improve health and deliver competitive advantage for increased economic growth

NIHR Clinical Research Infrastructure



the guardian

Tooth replacement prospect after scientists grow teeth from mouse cells

Researchers at King's College London say hybrid of human gum tissue and mouse stem cells raise possibility of growing new teeth on patient's jaw



ScienceNewline Medicine & Health Care

Amputee Phantom Pain
Linked to Brain Retain
Picture of Missing Limb

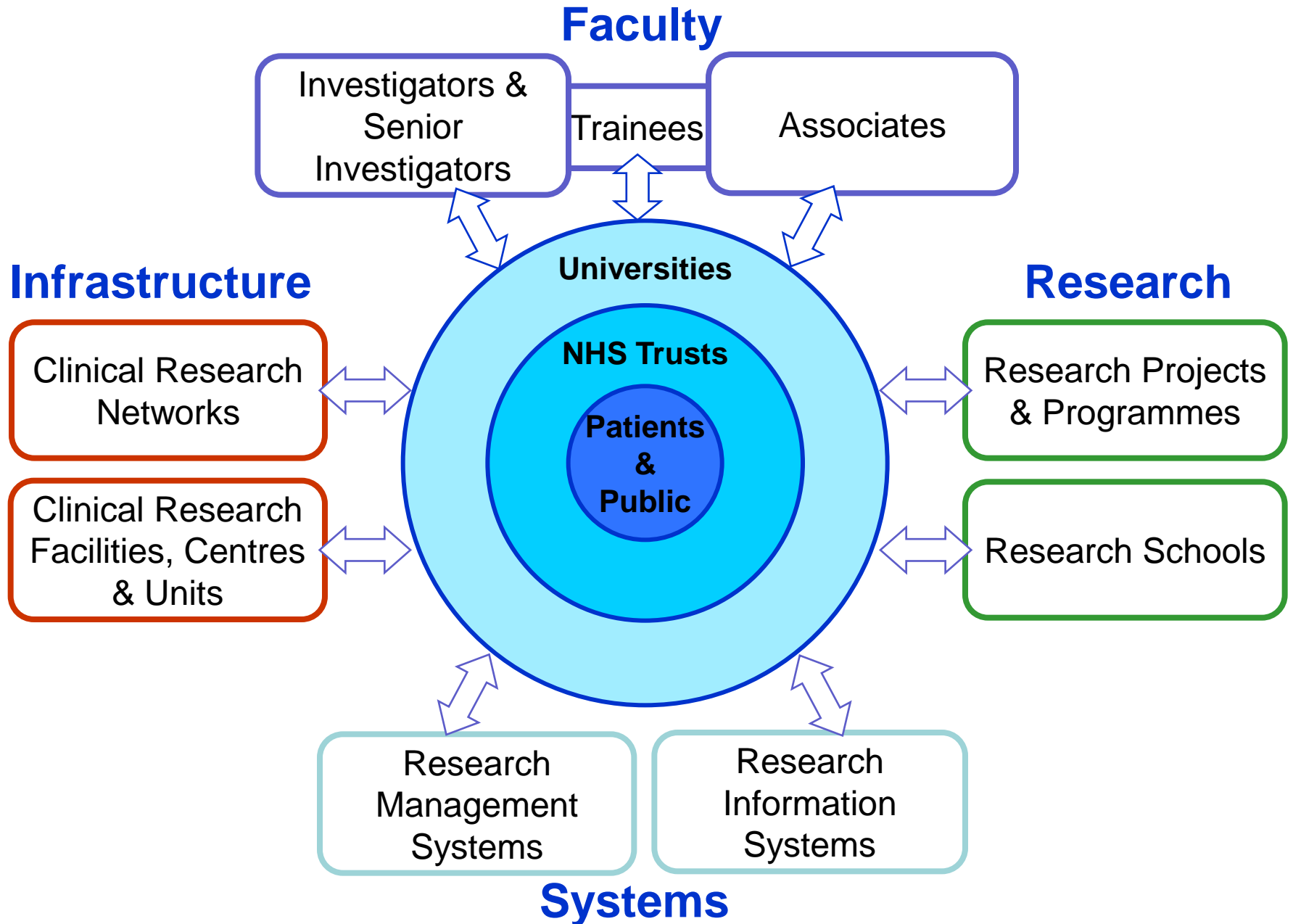
Changes in the brain following amputation have been linked to pain arising from the missing limb, called 'phantom pain', in a new study. University brain imaging shows that arm amputees experience most phantom limb pain in the brain – to the point where it was indistinguishable from pain in the brain with both hands.

sky NEWS HD

46 gene sequencing test for cancer patients on the NHS

The first multi-gene DNA sequencing test that can help predict cancer patients' responses to treatment has been launched in the National Health Service (NHS), thanks to a partnership between scientists at the the National Institute for Health Research (NIHR) Oxford Biomedical Research Centre (BRC), a collaboration between Oxford University Hospitals NHS Trust and Oxford University

NIHR Health Research System



Aim

Strengthen and streamline systems for research management and governance

Research
Systems

Research
Information
Systems

Systems

Who supplies the NIHR IS



CORPORATE NIHR INFORMATION SYSTEMS

THE NIHR HUB.....



Simple

Easy to learn, intuitive to use

A single workspace for accessing all of your NIHR documents, calendars, intranet sites, and communities. Collaborate with others on the same document, at the same time. Find colleagues in the NIHR Directory and use Hangouts for virtual meetings with anyone, anywhere.



Secure

Stored in the cloud, where you're in control

You control what you share and who you share it with. You only need to sign-in once to access all the services and your data is stored securely in the cloud. The Hub is continuously monitored to protect against security breaches and ensure usage policies are adhered to.



Reliable

What you need, when you need it



Accessible

Work smarter anywhere, anytime

Notice something different? [Find out more about what's new.](#)

Apps More



Intranet



Mail



Drive



+Justin



Calendar



Hangouts



Directory



Support

NIHR News

[How and why Senior Investigators involve patients and the public in their work: NIHR launches new publication](#)

19/05/2014

[Supporting clinical research into dementia](#)

19/05/2014

[Getting more active: evaluating the health benefits](#)

19/05/2014

[The latest NIHR Collaborations for Leadership in Applied Health Research and Care \(CLAHRC\) e-newsletter showcases research aiming to improve health services for people with mental health conditions](#)

19/05/2014

[Team of researchers, including NIHR Biomedical Research Centre \(BRC\)-supported Professor, propose call for review of WHO HIV treatment strategies](#)

19/05/2014

NIHR Community for collaboration

The screenshot shows a Facebook page for the NIHR Community for collaboration. The page header includes the NHS logo and the text "National Institute for Health Research". A search bar is located at the top, and navigation tabs for "Home", "All", "NIHR", "Friends", "Family", "More", and "Explore" are visible. The main content area features a "Share what's new..." prompt with options for Text, Photos, Link, Video, and Event. Below this, a post by Monica McCormick is shown, sharing a post by Peter Knight about the NIHR IS Function and security. To the right, there is a section titled "In this circle" with a grid of profile pictures and an "Add by name or email" input field. Another post by James Pearson is visible, sharing information about a Clinical Research Network launch event in Kent, Surrey, and Sussex.

NHS
National Institute for Health Research

Search for people, pages, or posts

+Justin [Grid] [Bell] Share [Profile]

Home ▾ All **NIHR** Friends Family More ▾ Explore Hangouts

Share what's new...

Text Photos Link Video Event

Monica McCormick
Shared privately - 12:04 PM #Cloud

Peter Knight originally shared:
NIHR Hub – security

When the Department was procuring services for the NIHR IS Function we made it clear that all provisioned services must be provided from the Government's G-Cloud framework. This is a pre-approved list of service of which Google was a principal supplier for Cloud based hosting services, therefore the Google service was already pre-qualified for the provision of services of this nature to HMG. As has been pointed out numerous times in other postings the level of security applied by Google is extensive and exceeds the safe minimum standards. I note also that there has been some

[Read more \(28 lines\)](#)

James Pearson
Shared privately - 11:26 AM #Surrey

★Clinical Research Network: Kent, Surrey and Sussex Launch Event★
Wednesday 9th July, 2014
09:30 – 16:00
The Harlequin Theatre
Warwick Road, Redhill, Surrey, RH1 1NN

Launch Event - CRN: Kent, Surrey and Sussex Events

A Corporate Email system

The screenshot displays the NHS corporate email system interface. At the top left is the NHS logo and the text "National Institute for Health Research". A search bar is located at the top right, along with a user profile for Justin and a "Share" button. Below the header, there are navigation buttons for "Mail", "Refresh", and "More". The main area shows an inbox with a list of emails, including subjects like "Re: Ok to ask", "URGENT - UKCTG Problem", and "Information Strategy Board". A sidebar on the left contains navigation options such as "Compose", "Inbox (5)", "Starred", "Important", "Sent Mail", "Drafts", "Circles", "Design Authority", "Early Adopters", "Google Tips", "PA and HUB Admini...", "URGENT", and "More". On the right side, there is a contact list for Justin, showing names like Monica McCormick, Russell Macdonald, Sally Beck, Richard Corbridge, Ruth Hancox, Rob Dinsey, John Jones, Alison Samwell, Emily Gardner, Russell, James, Savannah, Russel, and Christian Newsom. At the bottom, there are several active chat windows for Richard Corbridge, Monica McCormick, Russell Macdonald, and Justin Riordan-Jones.

NIHR Directory – A First.

Department of Health



19 Search results: Department of Health



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Sally Beck

R&D Information and Engagement Manager, R&D Directorate, Department of Health

[Information engagement policy for research](#)

[Media handling for research](#)

[Publishing research outputs](#)



Welcome to the NIHR Hub

Search this site[Home](#) [Learn more about the Hub](#) [Get involved](#) [Support](#)

The Hub is the new collaboration platform for the National Institute for Health Research.

We are **modernising our technology platform** to deliver a single workspace that will improve health research through **effective collaboration**.

The Hub enables users to **create and share knowledge** across the whole NIHR community better than ever before.

4,282
NIHR users

43
NIHR organisations

508
Change Champions

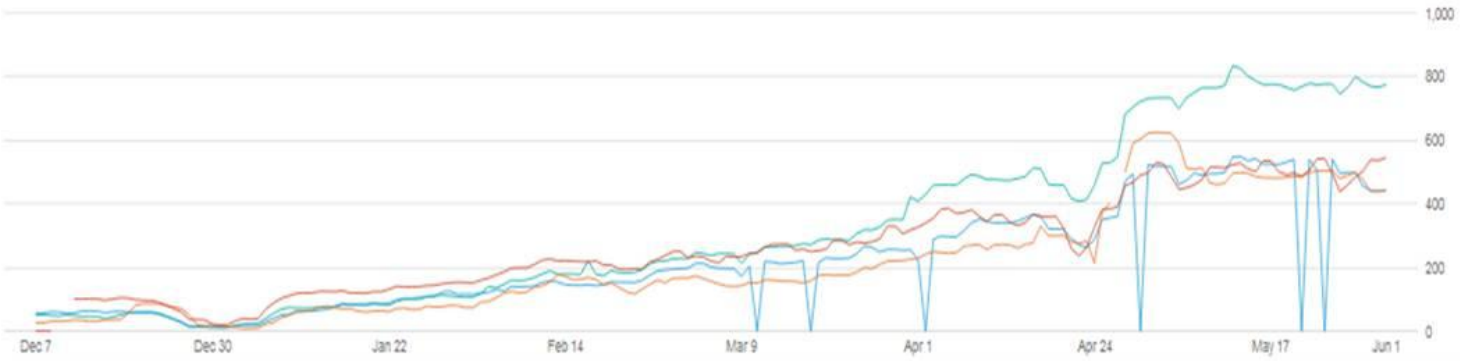
197,000
documents created

Apps Usage Activity

Last 6 Months ↕

● Gmail ● Drive ● Calendar ● Google+

Weekly Active Users



7.4 M
Total Emails

149,858
Files Owned

585
Video Hangouts

Document Visibility

Current Status ↕

10,738
Externally Visible Files



144,662
Internally Visible Files



USER STATUS

3,963
Users of total 10,000 licenses

- 0 Blocked users
- 39 Suspended users
- 3,924 Active users
- 6,040 Google Apps unused licenses

STORAGE

1
Users nearing storage limit

- 1 80% and above
- 7 50% and above
- 3,952 Less than 50%

SECURITY

333
External apps installed

3,963
Users not enrolled in 2 Step Verification

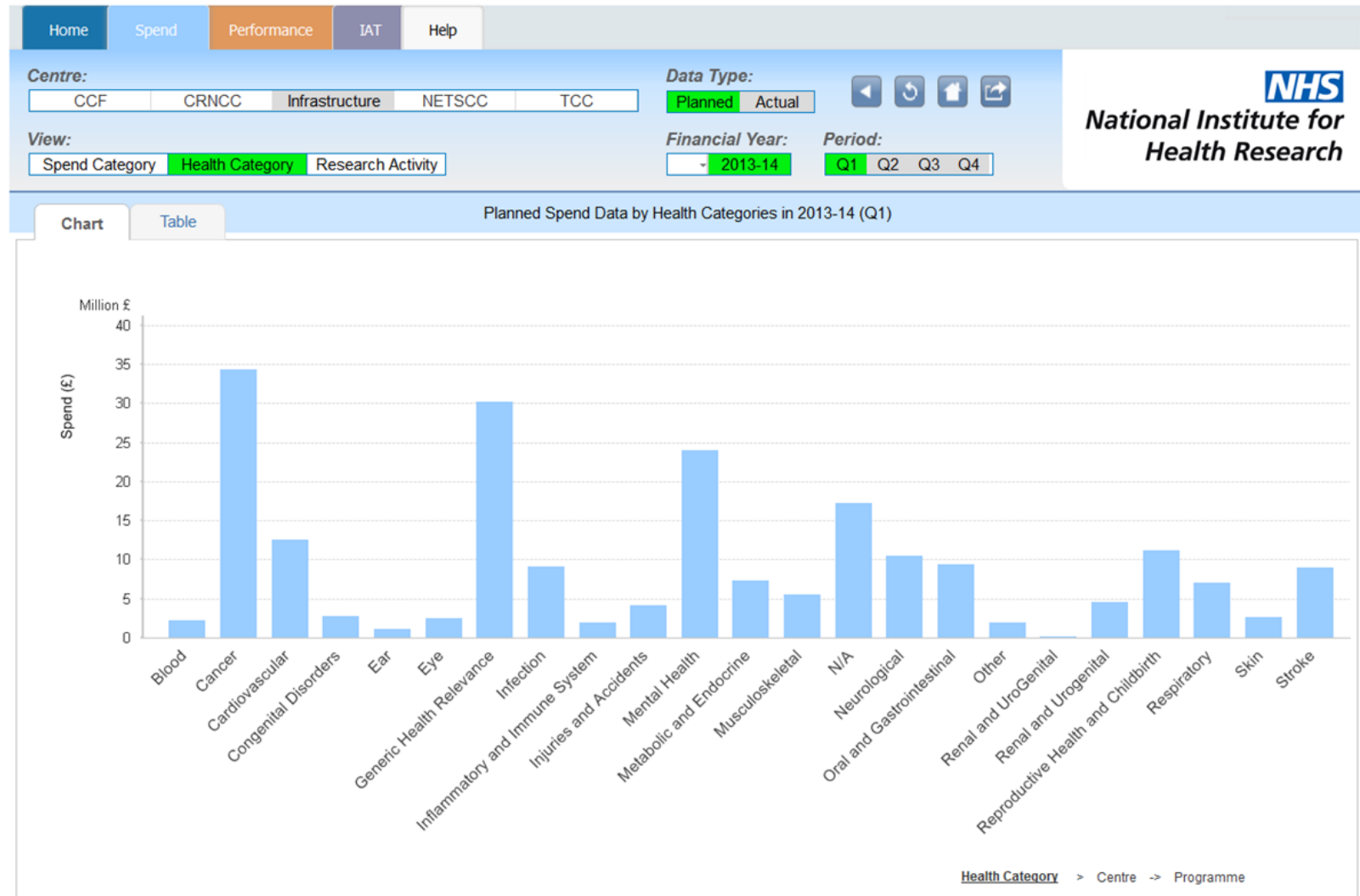
NIHR Hub

- Two of the NIHR's Business Units havemigrated entirely onto Hub e-mail service
- Acceptable Usages Policy developed to ensure the safety of NIHR Users (Fans)
- Some issues with accessibility from some elements of the NHS and Academia
- NIHR PORTAL BEING RETIRED 30th JULY 2014



DH DASHBOARD

POWERED BY QLIKVIEW



Centre: CCF CRNCC Infrastructure NETSCC TCC

Metric ID: I4IIN04

Programme: Invention for Innovation

Metric Summary: % of panels at required capacity

Financial Year: Period: FY Q1 Q2 Q3 Q4



Performance Data for I4IIN04 in Invention for Innovation in CCF

Centre	Programme	Metric ID	Summary	Year	Period	Actual Value	Target	Comment
CCF	Invention for Innovation	I4IIN04	% of panels at required capacity	2013-14	Q1	100 %	90 %	call 5
					Q2	100 %	90 %	call 6
				2012-13	FY	97 %	90 %	
					Q1	100 %	90 %	early and late stage - Round 3
					Q2	100 %	90 %	Round 4

Metric ID: I4IIN04 Process Stage: INPUT

Metric RAG Chart

Business Objective: To improve the efficiency of the fund allocation process

Measure: % of panels at required capacity

Target: 90 % Format: PERCENTAGE

Start Date: 01/06/2010 Version: 1.0

✘ Performance Value (2013-14 Q2)
✘ Previous Performance Values
▲ Metric Target

OTHER SYSTEMS AND POLICIES

NIHR Website

- NIHR Launching a brand new website in July 2014
- Much richer content and greater integration across all aspects of the NIHR
- Focused on delivery of content that users want



© TriStar Pictures / Gracie Films 1996

Open Access

- Revised Open Access policy launched 1st April
- NIHR has adopted “Gold” approach in line with RCUK and Wellcome Trust
- Revised policy at http://www.nihr.ac.uk/research/Pages/Research_Open_Access_Policy_Statement.aspx
- Will be annual monitoring of the policy to measure compliance
- Depositing in NIHR Journals Library (<http://www.journalslibrary.nihr.ac.uk/>) where applicable or in EuroPubMed Central (<http://www.europepmc.org>)

Dementia Portal

- Dementia Portal “Join Dementia Research” in final stages of development
- Will allow dementia patients ability to “pre-register” their consent to participate in studies
- Partnership between NIHR and Research Charities
- Phase 1 pilot to be launched in July



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Thank you

Any questions

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