NIHR vision

To improve the health and wealth of the nation through research

NIHR mission

To provide 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
**NIHR Facts & Figures**

**Big spend, deep impact**
- **£1 billion** on research each year improves NHS clinical practice.
- **Nearly £3.5 billion** of additional research investment attracted through our centres and facilities.
- Since 2008, total number of patients taking part in and benefiting from clinical trials has tripled from 1m to over 3m.

**Patient centred**
- Over 600,000 took part in NIHR hosted studies in 2014 giving access to cutting edge treatments, and helping the NHS stay best in the world.
- Young Persons Advisory Group: 75 young people in five cities shaping research design and innovating patient involvement.
- NIHR's national advisory group on public involvement in research, **INVOLVE**, is one of the few government funded programmes of its kind in the world.

**£98m**
- **FACULTY**
  - Investigators and Senior Investigators
  - Trainees
  - Associates

**£645m**
- **INFRASTRUCTURE**
  - Clinical Research Network
  - Clinical Research Facilities Centres and Units

**£238m**
- **RESEARCH**
  - Research Projects and Programmes
  - Research Schools

**£5m**
- **SYSTEMS**
  - Research Information Systems
  - Faster-eater clinical research

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**NIHR | National Institute for Health Research**
NIHR in the research landscape

**INVENTION**
- Creation
  - New things
  - New ideas
  - New techniques
  - New approaches

**EVALUATION**
- Assessment
  - New things
  - New ideas
  - New techniques
  - New approaches

**ADOPTION**
- Uptake
  - New things
  - New ideas
  - New techniques
  - New approaches

**DIFFUSION**
- Spread
  - New things
  - New ideas
  - New techniques
  - New approaches

**Basic Research**
- MRC & Charities

**Applied Research**
- NIHR

**Commissioning**
- NHS Commissioners

**Patient Care**
- Providers of NHS services

- Better Quality
- Better Value
Funding for clinical research

- Development of an early stage medical device or diagnostic
- Research project on the efficacy or mechanism of a product
- Small clinical trial
- Health technology assessment
## NIHR funding opportunities

<table>
<thead>
<tr>
<th>Broad research area</th>
<th>EME</th>
<th>HS&amp;DR</th>
<th>HTA</th>
<th>i4i</th>
<th>PGfAR</th>
<th>PDG</th>
<th>PHR</th>
<th>PRP</th>
<th>RIGHT</th>
<th>RfPB</th>
<th>SR</th>
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| Types of evidence                    |     |       |     |     |       |     |     |     |       |     |     |
| Evidence synthesis                   |     | ✓     | ✓   |     |       | ✓   | ✓   | ✓   |       | ✓    | ✓  |
| Evidence generation                  | ✓   | ✓     | ✓   | ✓   | ✓     | ✓   | ✓   | ✓   |       | ✓    | ✓  |
| Programmes of research               |     | ✓     |     |     |       | ✓   | ✓   | ✓   |       | ✓    | ✓  |
# NIHR funding opportunities

<table>
<thead>
<tr>
<th>Calls and competitions (number of opportunities to apply per year)</th>
<th>EME</th>
<th>HS&amp;DR</th>
<th>HTA</th>
<th>i4i</th>
<th>PGfAR</th>
<th>PDG</th>
<th>PHR</th>
<th>PRP</th>
<th>RIGHT</th>
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<td>3*</td>
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<td>2*</td>
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<td>Frequency as advertised</td>
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## Funding amounts and periods

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<th>Funding limit**</th>
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<td>Up to 3 years</td>
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<td>No fixed period</td>
<td>up to 4 years</td>
<td>Up to 3 years</td>
<td>Up to 3 years</td>
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</table>
Research for Patient Benefit (RfPB)

Research into day-to-day practice and health service challenges

Funding limits: £350k, £250k, £150k

Study of provision and use of NHS services

Evaluation of (cost-)effectiveness of interventions

Formal scrutiny of innovations and developments

Feasibility studies to prepare for major award applications

Development and refinement of new interventions
Invention for Innovation (i4i)

- Dedicated medtech funding programme
- Uncapped awards (Product Development, Challenge Awards)
- Can be led by academics, clinicians, SMEs
- R&D of innovative devices or technologies
- Advanced prototype development including clinical studies
- Evidence generation to support NHS uptake (real world evaluation)
- Clear commercial strategy
Efficacy and Mechanism Evaluation (EME)

- Clinical evaluation of interventions with step-change potential
- Partnership between the MRC and NIHR
- Research into the mechanisms of diseases and treatments
- Novel methodological designs
- Efficacy studies to explore mechanism of action
- Long-term safety studies
- Fast-track scheme available
NIHR themed calls & ongoing research priorities

• Complex health and care needs in older people
  • Frailty, transitions in care, service delivery and models of care, medicines management/polypharmacy, promoting healthy ageing/preventing ill health, patient-centred decision making

• Chronic pain
  • Adverse effects on all aspects of general health and daily life, effects on activities, relationships, mood, sleep and employment

• Cannabis-based products for medicinal use
  • Safety and efficacy or clinical effectiveness studies

• Brain tumours
  • Diagnosis, treatment, support or care of patients, access to or delivery of services

• Mesothelioma
  • Prevention, earlier diagnosis, treatment of care including palliative care

• Primary Care
  • Provision of services, capacity building, effectiveness, delivery and organisation of primary care interventions and services
NIHR portfolio

TOP TEN NIHR SPEND ON RESEARCH BY HEALTH CATEGORY, WHERE DEFINED: 2014/15

- Cancer: £135m
- Musculoskeletal: £30m
- Metabolic and Endocrine: £31m
- Infection: £31m
- Oral and Gastrointestinal: £32m
- Reproductive Health and Childbirth: £38m
- Inflammatory and Immune System: £41m
- Neurological: £47m
- Cardiovascular: £49m
- Mental Health: £73m
More information

• NIHR website: www.nihr.ac.uk
• Funding opportunities booklet: https://www.nihr.ac.uk/funding-and-support/documents/NIHR%20Funding%20Opportunities%20Booklet%202017.pdf
• Open competitions: https://www.nihr.ac.uk/funding-and-support/funding-opportunities/
• Questions? supportmystudy@nihr.ac.uk
Who can help you?

• **Programme secretariats:** Programme Managers for all programmes and infrastructure are here to help you!

• **Support organisations:**
  - Research Design Service (**RDS**)
  - NIHR Medtech and In vitro diagnostic Co-operatives (**MICs**)
  - Clinical Research Network (**CRN**)
  - National Office for Clinical Research Infrastructure (**NOCRI**)
  - Academic Health Science Networks (**AHSNs**)
  - University Technology Transfer Offices (**TTOs**)

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Questions?

• Talk to us today
• Visit our website: nihr.ac.uk
• Contact us: Programme contact information