

# Joint Research Management Office

## Research News Bulletin

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## Research headlines

### New Joint Research Policies

In March the JRMO published a new set of Joint Research Policies. These [can be found online here](#).

These policies have been approved by both the Barts Health Policy Committee

and Queen Mary University of London's Senate.

Joint research policies have existed since 2003, but following the MHRA inspection of September 2014 and in accordance with a number of regulatory and operational changes the JRMO undertook a full review of its policies. That review

involved discussions with key stakeholders on a policy by policy basis.

The outcome of the review has been a new set of policies. There are some substantive changes but also a significant amount of continuity.

The joint policies further signal the partnership between QMUL and Barts Health in research involving human subjects. The Research Governance Framework, and other related regulations and rules, require all research-active organisations to have systems in place to meet their requirements. By establishing a common set of principles Barts Health and QMUL provide a sound basis for collaboration in research across the NHS and academic boundaries, ensuring that our researchers can work to a clear and largely consistent set of standards and policies.

The full set of policies cover the following:

**Section A: Standards for research**

- Ethics
- QMUL policy on research integrity and research ethics
- Consent to participate in research

**Section B: Assuring research quality**

- Review of research including peer review
- Public involvement

**Section C: Research information**

- Project registration
- Dissemination and publication
- Citation
- Use of research participant information for research

**Section D: Minimising risk**

- Minimising risk
- Research data management at QMUL
- Clinical trial compensation
- Safe and secure handling of medicines in clinical trials
- Use of medical devices in research
- Indemnity

**Section E: Financial probity**

- Identification and protection of Intellectual Property
- Costing research
- Externally supported R&D pricing
- Distribution of research project funds

- Agreements with external organisations

**Section F: Human Resource issues**

- Access to Work at Barts Health
- Misconduct

The new [Joint Research Policies](#) can be read [here](#).

**Research Matters: changing lives in East London and beyond**

Barts Health and QMUL's School of Medicine and Dentistry hosted 'Research Matters: Changing lives in East London and beyond' on 24 May at the Perrin Lecture Theatre, Whitechapel.

More than 120 guests joined us to hear from leading academics, clinicians and patients who presented some of the very best examples of healthcare research and development at Barts Health and QMUL's School of Medicine. This event coincided with 2016's International Clinical Trials Day (ICTD) and served to highlight the benefits of patient and public engagement, involvement and participation in clinical research.

Alongside many patients and members of the public, staff and students, guests included Jonathan Sheffield, Chief Executive, NIHR Clinical Research Network, Alwen Williams, Chief Executive of Barts Health and Steve Thornton, QMUL's Vice Principal (Health). They came together to hear about a wide range of topics from the development of web-based consultations in hospitals to the launch of our new crowdfunding initiative (see below).

Feedback was very positive with the vast majority of feedback citing the Trials Connect presentation, where former trial participants spoke about their experiences of clinical research, as the highlight of the evening.

Research Engagement and Diffusion who organised the event, also commissioned the production of a short highlights film and for those who may have missed the event. Details of this will shortly be made available [on our website](#).

## Barts Health Crowdfunding platform launch plans

Do you need funds to develop a new idea or product that could benefit patients? Barts Health NHS Trust is launching its new crowdfunding platform in September 2016. This will be a new way to raise funds for early stage innovative and entrepreneurial ideas. Projects may be related *but not exclusive* to clinical research, digital health, medical devices, educational material and service improvements. Applicants do need to be employees of Barts Health to be eligible to apply.

The deadline for the first call of applications is 1 September 2016. For more information or to request an application form please email Dr Natasa Levicar [n.levicar@qmul.ac.uk](mailto:n.levicar@qmul.ac.uk). A Barts Health Crowdfunding Panel will approve projects for uploading on to the platform.

## CRN news

- **Search for an NIHR study:** It is now possible again to search for NIHR Portfolio research study on a variety of criteria. In effect the old UKCRN website has reappeared, although we understand that this may be a test platform; it certainly has yet to be advertised by NIHR! To access the database [please click here](#).
- **The CRN: North Thames Annual Plan** for 2016/17 has now been fully signed off and is uploaded to our website, which [can be viewed here](#).
- **CPMS 1.3 goes live:** The Central Portfolio Management System (CPMS) was updated over the weekend with release 1.3. This interim release, as we work towards CPMS 2.0, includes a number of improvements and updates to functionality. [To read more please click here](#).
- **NIHR Portal Decommissioning:** The NIHR Portal will be shut down on 29 July 2016 to allow full decommissioning. From this point users will no longer be able to access the service, their sites or the content within. Please ensure that you have extracted and migrated any content

that is imperative to you and your team. [To read more please click here](#)

- **National Specialties PPIE Toolkit launched:** The CRN PPIE (Patient and Public Information and Engagement) team has updated and launched Version 9 of the CRN Specialties PPIE Toolkit. [For more information click here](#).

## Costing and contracting deadlines

It is never a good idea to leave applications for costings or funding input to the last minute. All types of research grant applications and contracts for both Barts Health NHS Trust and Queen Mary University of London need to be costed or agreed by the Joint Research Management Office (JRMO) before submission. This includes outline applications.

To avoid disappointment, all applications that require costing *must* be submitted to the JRMO *at least* one week before the submission deadline. The JRMO can also help with other process aspects of the application preparation – [for contact details please click here](#).

## New SOPs online

The JRMO has recently published a number of new Standard Operating Procedures. These are:

### **SOP 2: [Implementation of new award](#)**

- [Process of setting up new grants](#)
- [Grant activation form](#)
- [Non-medical projects - PI responsibility statement](#)

### **SOP 3: [Research award maintenance](#)**

- [Research grant expenditure report](#)
- [Claims checklist](#)

### **SOP 4: [Research project financial completion process](#)**

- [Interim/ final expenditure report](#)

### **SOP 6: [Research staff appointments](#)**

### **SOP 17a: [Amendments for sponsored studies - process for JRMO](#)**

- [Notification of non-substantial amendment NHS studies](#)

- Confirmation of costs for amendments

**SOP 17c: Amendments for sponsored studies, process for researchers**

- Flow chart

**SOP 34a: Research training**

**SOP 34b: JRMO staff training and induction**

- SOP reading log
- GCP trial training log
- Training log
- Leaver's check list

**SOP 37: Reporting serious breaches**

- Notification of serious breaches, CTIMP
- Notification of serious breaches, non-CTIMP

**SOP 38a: Use of computerised equipment in research projects**

**SOP 38b: Trial data management systems**

- CRF design guidance
- Good documentation practice
- User acceptance testing
- Data management plan
- Database change control form
- Sign-off form
- Requirements and specifications

**SOP 41: JRMO oversight of CTG and study-specific SOPs**

A full set of SOPs can be found on the JRMO website [here](#).

## Local research update

### New toothpaste ingredient hardens teeth while you sleep

A new toothpaste ingredient which puts back the lost minerals from tooth enamel and helps prevent decay and treat sensitivity while you sleep has been developed by QMUL. The BioMinF toothpaste is now available online and from specialist dental distributors, and expected to be available through high street stores by the end of the year.

Dental decay is the most prevalent disease worldwide and tooth decay and sensitivity is estimated to affect 13.5 million people in the UK alone. The new BioMinF toothpaste ingredient provides a new tooth repair technology which is able to slowly release calcium, phosphate and fluoride ions over an 8-12 hour timeframe. This forms fluorapatite mineral to rebuild, strengthen and protect tooth structure. The slow release of fluoride has been identified to be particularly beneficial in prevention of tooth decay.

Prof Robert Hill, Chair of Dental Physical Sciences at QMUL, who led the development team, has said that using remineralising toothpaste makes teeth far more resistant to attack from acidic soft drinks like fruit juices and sodas. It is also much more effective than conventional

toothpastes where the active ingredients, such as soluble fluoride, are washed away and become ineffective less than two hours after brushing.

BioMinF is available from dental practices or from [www.biomin.co.uk](http://www.biomin.co.uk) direct.

### 'Lost' hormone is found in starfish

Biologists from Queen Mary University of London (QMUL) have discovered that the evolutionary history of a hormone responsible for sexual maturity in humans is written in the genes of the humble starfish. The onset of puberty and sexual development in humans is triggered by the release of a brain hormone known as gonadotropin-releasing hormone or GnRH. A research team led by Prof Maurice Elphick at QMUL's [School of Biological and Chemical Sciences](#), working in collaboration with teams at the University of Warwick and KU Leuven in Belgium, have found that the history of this important sex hormone is a tale of loss.

It was already known that fruit flies (*Drosophila*) have two GnRH-like hormones – one that mobilises stored fats to power flight (adipokinetic hormone or AKH) and another that makes insect

hearts beat faster (corazonin). What was missing was information from other invertebrate animals that are more closely related to humans than insects. Research on the starfish published today in the Nature journal *Scientific Reports* has provided the missing link. What is not clear yet is how it is that the ancestors of humans were able to get by with just one GnRH-type hormone. To address this question more research needs to be done to find out more about the roles of GnRH-like hormones in starfish and other invertebrates.

The work was supported by the [Chinese Scholarship Council](#) and grants from the [Biotechnology and Biological Sciences Research Council \(BBSRC\)](#) and the [Leverhulme Trust](#). For more information see the paper: '[Urbilaterian origin of paralogous GnRH and corazonin neuropeptide signalling pathways.](#)'

### **Cereal science: scientists invert the Cheerios' effect**

Liquid drops on soft solid surfaces interact by an 'inverted Cheerios' effect', which can be tweaked so that the droplets move towards or away from each other. The phenomenon of the famous breakfast cereal clumping together when floating in a milk bowl is known as the Cheerios' effect. The 'inverted Cheerios' effect', identified in this paper for the first time, describes a similar scenario but with the roles of liquid and solid being interchanged: liquid droplets interact when resting on a solid - but soft - surface.

In recent years, the classical Cheerios' effect has inspired a new set of manufacturing technologies for advanced materials and helped physicists understanding the gravitational collapse of galaxies. Similarly, the newly discovered 'inverted Cheerios' effect' may open up new opportunities in engineering and the life sciences.

Co-author of the study, Dr Lorenzo Botto from QMUL's [School of Engineering and Materials Science](#), suggests that the physical phenomena highlighted in this paper suggests ways to design surfaces that prevent fogging or control heat transfer; for instance to create car windows that are always transparent

despite high humidity or surfaces that improve heat management in conditioners or boilers. By making surfaces softer or harder, and changing the thickness of the soft layer, it will be possible to control how drops coalesce and spread on the substrate.

For more information see the paper: '[Liquid drops attract or repel by the inverted cheerios' effect.](#)'

### **Cancer researcher wins prestigious Lister Prize**

Dr Susana Godinho from Queen Mary University of London (QMUL) has been awarded the Lister Prize Fellowship for her visionary work on cancer.

Dr Godinho, from QMUL's [Barts Cancer Institute](#), studies the role of 'centrosomes' in cancer. Centrosomes are important for organising the 'skeleton' of the cell, and help to separate the chromosomes as one cell splits to form two new cells. In cancer, cells can sometimes end up with more than the standard complement of one or two centrosomes, which can contribute to genetic instability and lead to the development of tumours.

Just five [Lister Prize Fellowships](#) of £200,000 are awarded each year, and Dr Godinho is the first lecturer at QMUL to win the prestigious prize. With this award, she hopes to investigate the role of centrosomes not only within the cell, but also on surrounding cells in the tumour and what this could mean for therapy, metastasis and treatment resistance.

### **Vitamin A may help improve pancreatic cancer chemotherapy**

The addition of high doses of a form of vitamin A could help make chemotherapy more successful in treating pancreatic cancer, according to an early study by QMUL.

Research led by Prof Hemant Kocher from the [Barts Cancer Institute](#) has had promising initial results that have led to the potential treatment being tested in a new clinical trial. Around 8,800 people in the UK are diagnosed with pancreatic cancer each year. It is known as the UK's

deadliest cancer, with a survival rate of just 3 per cent.

Chemotherapy and radiotherapy alone are relatively unsuccessful in treating the disease, and while surgery to remove the tumour offers the best chance of survival, most patients are diagnosed when the cancer has already spread to other organs. A new approach is needed to target the cancer more effectively.

The study, in cell cultures and mice, tested a new approach of targeting stromal cells and cancer cells simultaneously. By using 'gemcitabine' chemotherapy to target cancer cells, and a form of vitamin A to target the surrounding stromal cells, the combined approach led to a reduction in cancer cell proliferation and invasion.

For more information see the publication: ['Anti-stromal treatment together with chemotherapy targets multiple signalling pathways in pancreatic adenocarcinoma'](#).

### **Professor Jack Cuzick elected as Fellow of the Royal Society**

Professor Jack Cuzick from QMUL has been elected as a new Fellow of the Royal Society. The election is in recognition of his achievements in the application of basic science discoveries to the practice of medicine, particularly preventive medicine in cancer.

The Royal Society is the oldest scientific academy in continuous existence, dating back to the 1660s, with a purpose of recognising, promoting, and supporting excellence in science and encouraging the development and use of science for the benefit of humanity. Its Fellowship is made up of the most eminent scientists, engineers and technologists from or living and working in the UK and the Commonwealth. Past Fellows and Foreign Members have included Isaac Newton, Charles Darwin, Albert Einstein and Stephen Hawking.

Professor Jack Cuzick, Director of QMUL's Wolfson Institute of Preventive Medicine and head of the Centre for Cancer Prevention, is delighted to be elected as Fellow of the Royal Society. He was the first to show that the drug tamoxifen was highly effective in the prevention of breast

cancer, and subsequently demonstrated the superior efficacy and safety of aromatase inhibitor drugs, which can reduce breast cancer incidence by over 50 per cent. He also developed a widely used model for assessing breast cancer risk.

### **Researchers score hat-trick of medical sciences grants**

Three researchers from Queen Mary University of London (QMUL) have been awarded £100,000 each by the Academy of Medical Sciences (AMS).

The grants are designed to support researchers in the first years of their independent career with funds, training and mentoring. Award applications were limited to three per university and QMUL was the only university out of over 100 applications to be awarded all three grants.

Sian Henson from QMUL's William Harvey Research Institute was given her award to investigate the impact of ageing on human T cells, which are essential for immunity. Many detrimental changes occur to T cells as humans age, including their ability to move to important areas of the body which can contribute to a plethora of age-related diseases.

From QMUL's Barts Cancer Institute, Angus Cameron's grant will be used to study fibroblasts, cells in connective tissue which produce collagen and other fibres. They also help cancer cells to invade and spread around the body. His work will look at changing the way fibroblasts interact with malignant cancer cells in order to make tumours less invasive. By targeting the normal fibroblast cells of the host, it is hoped that drug resistance associated with targeting cancer cells might be sidestepped.

Also from Barts Cancer Institute, Paulo Ribeiro's grant will be used on a project related to the molecular mechanisms regulating tissue growth. Regulation of tissue growth is crucial for development and the maintenance of tissue during adult life. The project will look at how defects in tissue growth regulation can promote tumour growth, and the work may in the future be translated into novel ways of targeting cancer cells.

## Events

### RDS London drop-in clinics

RDS London holds regular next drop-in clinics for researchers preparing applications to NIHR Applied Health Streams (RfPB, EME, HTA, Programme Grants, Programme Development Grants and Fellowships) or medical charities. Drop-ins take place in East London on the last Friday of the month. RDS London can support researchers at all stages of preparing grant applications. Advice and guidance can be provided on study

design, identifying a research team and targeting an appropriate funding stream.

The next East London clinics will be held on Wednesday 20 July and 17 August. Both 1-3pm.

There is no need to book, just turn up on the day: Room G15, Yvonne Carter Building, 58 Turner Street, London, E1 2AD (reception: 020 7882 5882). [For more information please click here.](#)

## Training

### JRMO GCP training

To book your place on JRMO run GCP-related training courses please [visit our website](#).

The core courses available remain:

- Introduction to good clinical practice (GCP) - a full day course for people undertaking clinical trials involving medicinal products only.
- Research governance framework (RGF) - a half-day course for people undertaking non medicinal products research.
- Good clinical practice (GCP) refresher - a two hour course are for those who have already attended the full-day introduction to GCP course.

[For more information on dates and instructions on how to book your places please see the JRMO website. Dates for academic year 2016-17 will be released in September.](#)

Please be advised that any GCP and RGF courses run at JRMO queries can be forwarded to [research.training@bartshealth.nhs.uk](mailto:research.training@bartshealth.nhs.uk).

### Clinfield research training

Clinical Research runs a number of courses aimed at those new to the field of clinical research as well as those who

have gained experience in the field but who would like to refresh their knowledge and skills and pick up tips and tools to enhance their practice. Over the next few months the following training is being offered (click to see more):

- [Lab Skills for Clinical Research Staff](#)
- [View this Course](#) - 28 September 2016 at Hammersmith Hospital, London
- [Clinical Research: Getting Started!](#) - 7 October at NCVO, London
- [Developing Yourself in Clinical Research](#) - 11 October at NCVO, London
- [Informed Consent](#) - 19 October at NCVO, London
- [Meeting the Challenges of Recruitment and Retention in Clinical Research](#) - 3 November at NCVO, London
- [Building Careers in Clinical Research 2016](#) - 17 November at SOAS Brunei Suite, London
- [Applying for Ethical Opinion in the NHS](#) - 23 November at NCVO, London

### PPI workshops for researchers

Workshops for researcher on patient and public involvement (PPI) in research are being run by the NIHR UCLH Biomedical Research Centre with funding from the Wellcome Trust. These workshops are practical and aim to build up researchers'

skills in effectively involving lay people in the re-search process, from setting research priorities to designing protocols.

Dates and courses are:

**Introduction to PPI:**

- 8 September 2016, 10am-4pm, Maple House, Tottenham Court Road
- 27 September 2016, 10am-4pm, Moorfields Eye Hospital, Old Street
- 5 October 2016, TBC Southend University Hospital
- 9 November 2016, 10am-4pm, Maple House, Tottenham Court Road

**PPI Master Class:**

- 29 September 2016, 1.30-4.30pm Great Ormond Street Hospital
- 10 November 2016, 10am-1pm, Moorfields Eye Hospital, Old Street
- 6 December 2016, 10am-1pm, Maple House, Tottenham Court Road

**Developing facilitation skills for PPI:**

- 11 October 2016, 2-5pm Maple House, Tottenham Court Road
- 15 November 2016, 2.30-5.30pm, Barclay House, Great Ormond Street

**How to fill in PPI sections on grant form**

- 17 October 2016, 2-5pm, Moorfields Eye Hospital, Old Street
- 11 November 2016, 10am-1pm Maple House, Tottenham Court Road

**Accessing patients and the public**

- 28 November 2016, 10am-1pm City University, Northampton Square

**Setting up and supporting a lay panel**

- 11 October 2016, 10am-1pm, Maple House, Tottenham Court Road

To book a place, please visit the [PPI page of the NIHR UCLH Biomedical Research Centre website](#).

**Crisis PR and Media Training**

[Crisis PR and Media Training](#) running on 12 October 2016, at the Key 103 Studios, Manchester.

This Continuing Professional Development (CPD) course is a realistic and relevant introduction to the real world of media crisis management and will help you stay in control. Every day we see companies in crisis and managers at the mercy of the media due to product recalls, accidents and scandals. This one-day course will not only provide you with the necessary skills to deal with potentially negative coverage, but hit the headlines for all the right reasons. Media training courses give everyone who is likely to deal with the press the skills, knowledge and confidence to handle enquiries and interviews positively.

For more information, including about part-funded places, please [click here](#)

## Research funding

### NIHR funding deadlines

[Programme Grants for Applied Research - Invitation for Applications](#)  
Closing date: **27 July 2016**

The NIHR Programme Grants for Applied Research programme invites Stage 1 research proposals to develop individual programmes. Research funded through a Programme Grant typically consists of an interrelated group of high quality projects focused on a coherent theme and hence require multidisciplinary approaches, including clinical, health economics, statistics, qualitative and behavioural sciences, to ensure that research objectives can be met. The amount awarded and the length of the funding

period will depend on the nature of the proposed work, in particular whether or not the proposal includes a substantial powered trial. For more details on how to apply, [click here](#).

[Programme Development Grants](#)  
Submission deadline: **22 July 2016**

Programme Development Grants are designed to increase the rate and number of successful applications for a full Programme Grant. They are a response to an observation that some otherwise very promising applications had been unsuccessful because parts of the proposed programme were considered to be too insecure and hence would be too risky for a substantial programme grant.

Programme Development Grants provide a mechanism to address and rectify such weaknesses by supporting the completion of the necessary preparatory work to suitably position the research team to submit a competitive Stage 2 Programme Grant application. [For more information and to apply please click here.](#)

#### **Public Health Research Programme - Researcher-led call**

Closing date: **1 August 2016**

The Public Health Research Programme is accepting applications to their researcher-led workstream as follows:

- **16/37 - standard outline proposal**
- **16/38 - evidence synthesis full proposal**

[For more information and to apply please click here.](#)

#### **Research for Patient Benefit Programme Competition 30 - invitation for applications**

Closing date: **03 August 2016**

The NIHR Research for Patient Benefit (RfPB) programme invites research proposals which are related to the day-to-day practice of health service staff and is concerned with having an impact on the health or well-being of patients and users of the NHS. As a responsive rather than a commissioning programme, RfPB does not seek to name specific topic areas and welcomes applications on a wide range of issues and aims to fund high quality research that will be directed at achieving benefit for users of the NHS in England. The programme supports applications which are regionally derived and applications which have emerged from interaction with patients and the public, which relate to patient and service user experience, and which have been drawn up in association with a relevant group of service users. [To read more and apply please click here.](#)

#### **Health Technology Assessment Programme – Researcher-led call**

Closing date: **10 August 2016**

The Health Technology Assessment Programme is accepting applications to their researcher-led workstream as follows:

- **16/31 - Researcher - led, Expression of Interest to Full proposal**

- **16/32: Researcher - led, Evidence Synthesis Full**

[For more information and to apply please click here.](#)

#### **Applications open for ECMC status in 2017-22 Quinquennium**

Closing date: **15 August 2016**

The ECMC initiative is jointly funded by Cancer Research UK, the NIHR in England and the Departments of Health for Scotland, Wales and Northern Ireland. The ECMC Network strives to push the boundaries of cancer care, by delivering novel and personalised treatments that target a wide range of cancer types across both adult and paediatric specialties. Existing ECMC locations are invited to apply for status for the 2017-22 period and to continue their contribution to a leading Network of early-phase clinical trials.

Any location that is not currently an ECMC and wishes to apply for ECMC status must first submit an expression of interest. [For more information please click here](#)

#### **Public Health Research Programme - Commissioned call**

Closing date: **15 August 2016**

The Public Health Research Programme is accepting applications to their commissioned workstream for the following topics:

- **15/192 - Interventions to reduce negative health effects associated with noise in the living environment**
- **16/07 – Outdoor green and blue spaces**
- **16/08 - Loneliness and unwanted social isolation**
- **16/09 – Community Engagement**

[For more information and to apply, please click here.](#)

#### **Tackling antimicrobial resistance: behaviour within and beyond the healthcare setting**

Closing date: **8 September 2016**

The ESRC, in partnership with the National Institute for Health Research (NIHR), Arts and Humanities Research Council (AHRC), the Medical Research Council (MRC), the Department for Environment, Food and Rural Affairs (Defra) and the Veterinary Medicines Directorate (VMD) are pleased to invite applications for cross disciplinary

proposals on the topic of behaviour relating to antimicrobial resistance (AMR). For more information about the call [click here](#).

### **Health Services and Delivery Research Programme - Researcher-led call**

Closing date: **8 September 2016**

The Health Services and Delivery Research (HS&DR) Programme is accepting applications to their researcher-led workstream as follows:

- **16/52 - Researcher-led (standard)**
- **16/53 - Researcher-led (evidence synthesis)**

For more information and to apply please [click here](#).

### **Health Technology Assessment Programme - commissioned call**

Closing date: **15 September 2016**

The Health Technology

Assessment Programme is accepting expressions of interest applications to their commissioned workstream for primary research in the following topics:

- **16/17 - Prophylactic antibiotics to prevent recurrent lower respiratory tract infections in children with neurological impairment**
- **16/22 - Smoking cessation interventions in children of school age**

These topics have been identified as an opportunity for collaboration between Australia's National Health and Medical Research Council (NHMRC) and the UK National Institute for Health Research (NIHR) HTA Programme and we welcome joint applications from Australian and UK researchers in addition to standalone applications from UK based researchers. For more information and to apply, please visit the [HTA Commissioned calls webpage](#).

### **Health Technology Assessment Programme - Commissioned call**

Closing date: **15 September 2016**

The Health Technology Assessment Programme is accepting applications on the following commissioning briefs, in the area of primary research:

- **16/24 Biological response modifier drugs for rare autoimmune diseases**

- **16/25 poorly controlled diabetes and outcomes of elective surgery**

For more information and to apply please visit the [HTA Commissioned funding opportunities](#)

### **Efficacy and Mechanism Evaluation Programme - Commissioned call**

Closing date: **1 November 2016**

The Efficacy and Mechanism Evaluation Programme is accepting applications for the following topic in their commissioned work stream:

- **16/61 Evaluation of new surgical procedures through the use of novel study designs**

The deadline for applications is 1pm, 1 November 2016.

For more information and to apply please [click here](#).

### **Public Health Research Programme - Commissioned call**

Closing date: **5 December 2016**

The Public Health Research Programme is accepting outline applications to their commissioned workstream for the following topics:

- **16/39 Mid-life and physical exercise**
- **16/40 Preventing road injuries**
- **16/41 Sedentary behaviour**
- **16/50 Sun exposure**

For more information and to apply, please visit the [Public Health Research Programme Commissioned funding opportunities website](#).

For more information about all NIHR funding opportunities [visit the NIHR website](#). To subscribe to the NIHR's themed call mailing list please [click here](#).

### **Bill & Melinda Gates Grand Challenges**

Application deadlines are approaching for several Grand Challenges and related grant opportunities and the Gates Foundation Fellow program. Please see below for details.

- The Bill & Melinda Gates Foundation aims to develop two new forms of dietary assessment technologies, based on image capture and, possibly, image recognition. The application deadline is **July 22, 2016**. Please [click here](#) for details.

- Grand Challenges Canada's **Saving Brains** initiative seeks to fund bold ideas for products, services and implementation models that protect and nurture early brain development in a sustainable manner. Through this request for proposals, Saving Brains will support applications for seed funding to develop and validate these bold ideas. The application deadline is **July 29, 2016**. Please [click here](#) for details.
- Grand Challenges Canada seeks bold ideas with big impact from the best and brightest talent, both in low- and middle-income countries and in Canada, to use scientific/technical, social and business innovation to address reproductive, maternal, newborn and child health, to save and improve lives in low- and middle-income countries. The application deadline is **July 19, 2016**. Please [click here](#) for details.
- 100&Change is a MacArthur Foundation competition for a \$100 million grant to fund a single proposal that will make measurable progress toward solving a significant problem. Proposals focused on any critical issue are welcome. The deadline to register the applicant organization is **September 2, 2016**. Please [click here](#) for details.

## The Newton Fund

The Newton Fund provides a range of activities under the people, research and translation strands. For more information on establishing an academic collaboration or finding a partner, please see the [funding support page](#).

Current calls include:

- [Developing financial systems to support sustainable growth in China](#) – closes 20 July 2016
- [RCUK – DIPI - Ristekdikti – MoHE – DOST - TRF Small Scale Research Partnerships call](#) – closes 2 August 2016
- [Newton Research Collaboration Programme, covering Brazil, Mexico, South](#)

[Africa, Turkey, Vietnam, closes 14 September 2016](#)

- [UK-China PhD Placement Programme](#) – closes 20 September 2016
- [Agri-food innovation in Turkey](#) – closes 20 September 2016
- [Fellowships for Young Post-doctoral Researchers in Turkey](#) – closes 7 October 2016

## Royal Society Translation Award

The Royal Society Translation award offers up to £50,000 for scientists to test the technical and economic feasibility of commercialising an aspect of their research. The deadline for applications is 20 October 2016. [For more information please visit the Royal Society website by clicking here.](#)

## Humane Society Funding opportunity

Progress in human disease research: critical reviews and future roadmaps.

The aim of this grant program is to support strategic scientific dialogue regarding the potential of extending the U.S. National Research Council vision of 21st century toxicology to the wider field of biosciences. To this end, each review article will need to critically evaluate the state of the science, including mechanistic understanding of the pathophysiological pathways/networks underlying the disease in humans, the human relevance, translational success and limitations associated with available research models, and provide a detailed proposal for optimizing the use of modern, human biology-based tools and approaches (in vitro, in silico, bioengineering, etc.) into the research paradigm to potentially improve translational success in future.

The deadline for applications is 31 July 2016, midnight EST. [For more information please visit the Humane Society International's website here.](#)

## NHS Innovation Accelerator (NIA)

Last year, NHS England along with partner organisations launched the [NHS](#)

[Innovation Accelerator](#) (NIA). The NIA is a partnership programme which looks for the best national and international healthcare innovators. In its first year, 17 fellows joined the programme and received support to take their high impact innovations to over 60 NHS organisations, benefiting more than three million patients. NIA 2016 will focus on three challenges based on population health needs:

- [Prevention](#)
- [Early intervention](#)
- [Long term condition management](#)

To find out more, please see the NIA's [FAQs](#). If you have other questions, please [visit the NIA webpage](#). The closing date for applications is 1 August 2016.

### **British Academy funding**

The British Academy provides a variety of grants and fellowships to support academic research, career development and wider engagement across the full range of the humanities and social sciences.

Funding opportunities cover UK and international research from the postdoctoral level upwards, supporting the best ideas, individuals and intellectual resources.

- [Mid-Career Fellowships Outline Stage](#): Deadline 14 September 2016
- [BA/Leverhulme Senior Research Fellowships](#): Deadline 16 November 2016
- [Wolfson Research Professorships](#) Deadline 23 November 2016
- [Postdoctoral Fellowships Outline Stage](#) Deadline 5 October 2016
- [BA/Leverhulme Small Research Grants \(Autumn 2016\)](#) Deadline 12 October 2016
- [BA/Leverhulme Small Research Grants \(Spring 2017\)](#) Deadline 24 May 2017

### **Royal Academy of Engineering Ingenious Awards**

The latest round of Royal Academy of Engineering Ingenious Awards is now open and the closing date for applications is Monday 17 October, 4pm.

The aims of the *Ingenious Awards* are to inspire creative public engagement with engineering; stimulate engineers to share their stories, passion and expertise in innovative ways with wider audiences; develop engineers' communication and engagement skills; and create debate between engineers and people of all ages to raise awareness of the diversity, nature and impact of engineering.

For more information on how to apply visit [the RA Engineering website by clicking here](#).

### **Fight for Sight PhD Studentships**

Fight for Sight, the UK's leading charity dedicated to funding pioneering research to prevent sight loss and treat eye disease, is inviting applications for its PhD Studentship awards.

PhD Studentship applications are invited from PhD supervisors for PhD studentships of up to £100,000 to support the training of graduate students, to start in October 2017 for three years. All awards will be conditional upon addressing Fight for Sight's research priority areas as described in the [Fight for Sight Research Strategy 2012-2017](#).

Applications should be submitted as an abstract by 5pm on 31 August 2016.

For more details please visit the [Fight for Sight website here](#).

#### **Research professional:**

Research Professional (formerly Research Research) now offer an easy to use self-service sign up: <http://www.researchprofessional.com/>

**Funding information:** Further funding information can be found on the [Research Professional website](#) – to access [click here](#) (account and password required).