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- 9.30-11.30am Tuesday 13th November – Valuing water and behavioural change
- 9.30-11.30am Tuesday 29th January 2019 – Green infrastructure and sustainable drainage
- 9.30-11.30am Tuesday 19th February 2019 – Flooding and managing risk
Opportunities
Closing Soon

Accelerating CCUS Technologies (ACT)

Deadline for submission of pre-proposals (stage one) 13:00 on 12th September 2018. Closing date for submission of full proposals (stage two): 13:00 on 1st March 2019

NERC, the Engineering & Physical Sciences Research Council (EPSRC) and the Department of Business, Energy & Industrial Strategy (BEIS) are pleased to announce the UK’s participation in a new Accelerating CCUS Technologies (ACT) call to facilitate the emergence of carbon capture, utilisation and storage (CCUS) in the energy and industrial sectors.

ACT is an international initiative whose ambition is to facilitate the emergence of CCUS via transnational funding of projects aimed at accelerating and maturing CCUS technology application through targeted innovation and research activities.

This is the second ACT call. Up to a total of 30 million Euros are available for the call from the following participating countries: Norway (coordinator), France, Germany, Greece, the Netherlands, Romania, Spain, Switzerland, Turkey, the United Kingdom and the United States.

Each project proposal must be submitted by a project consortium consisting of at least three eligible applicants from at least three ACT participating countries.

£1 million is available from NERC to support eligible UK research organisations, in addition to £5 million from BEIS and £500,000 from EPSRC. BEIS is the lead UK organisation for this call.

It is expected that projects will be funded for a duration of up to three years and will start from 1st September 2019.

The ACT call is a two-stage process. Stage one call for pre-proposals is open until 13:00 CEST on 12th September 2018. By or on 30th November 2018, applicants that are successful in stage one will be invited to enter stage two call for full proposals, which will close on 13:00 CET on 1st March 2019.

https://nerc.ukri.org/funding/application/currentopportunities/act-call/

Hello Tomorrow Global Challenge

Deadline: 14th September 2018

The Hello Tomorrow Global Challenge is a science & technology startup competition designed specifically to address the needs of deeptech entrepreneurs across several different industries and technologies. The Challenge gives scientists and deeptech entrepreneurs around the globe a platform for their research and projects, providing equity-free prize money as well as other funding opportunities, global visibility and connections with key players in the deeptech innovation network.
The 12 tracks for the Challenge are as follows: Aeronautics; Data & AI; Digital Health; Energy; Food; Agriculture & Environment; Global Health; Industrial Biotech; Industry 4.0; New Materials; New Mobility; New Space; and Wellbeing.

Your project must be in its early stage of development (projects that are about to be spun out from academic labs are eligible as long as they have a strong proof of concept), must be based on a scientific discovery, an advanced technology, a complex engineering process or an innovative application of an existing technology, and could solve an industrial, societal, or environmental unmet need or create a new market. You must also be a team of at least 2 working on the project.

How much you can get: there is one €100k Grand Prize for the best early-stage start-up and 11 €15k Prizes for the best early-stage start-up in each of the other tracks

https://hello-tomorrow.org/startups

UCL Internal: Knowledge Exchange Funding Available

Deadline: 16th September 2018

UCL staff are encouraged to apply for the latest round of knowledge exchange funding managed and distributed by UCL Innovation & Enterprise.

https://www.ucl.ac.uk/enterprise/support-staff-and-students/access-funding/knowledge-exchange-funding-opportunities-ucl-staff

The Committee on Climate Change: To provide updated projections of flood risks for the UK

Closing date: 17th September 2018

The aims of this project are to:

- Quantify future flood risk over the 21st Century (and beyond if possible) for the UK as a whole, for England, Wales, Scotland and Northern Ireland, and for different places within each country (e.g. coast, cities, rural communities), for a range of climate and socioeconomic scenarios, on the basis of the current level of adaptation;
- Identify the most effective and efficient ways to manage the residual flood risks under each scenario above in different places, via a mix of adaptation options.
- Examine what level of flood risk change may result in major infrastructure, cities, coastal communities or rural locations, for example, no longer being able to cope with new flood risk levels, even with all of the adaptation options available.

CCRA3 context: This project should be undertaken in close collaboration with four other projects that will be commissioned simultaneously with this one, specifically:

- Climate driven threshold effects in the natural environment
- To understand how behaviour change can influence climate change risks and opportunities
- A consistent set of socioeconomic dimensions for the CCRA3 Evidence Report research projects
• **Interacting risks**

The flooding project should utilise the socioeconomic dimensions provided through the socioeconomic dimensions project to ensure consistency with the other CCRA3 projects, should coordinate assumptions on behavioural adaptations with the behaviour change project and it should not overlap in scope or have conflicting assumptions with the adaptation thresholds and interacting risks project. This coordination should be done in collaboration with the ASC.

https://www.contractsfinder.service.gov.uk/Notice/5511f28e-5de8-4563-9be3-a8dc34d24bfc

**The Committee on Climate Change: Understand how behaviour change can influence climate change risks and opportunities**

*Closing date: 17th September 2018*

The ASC would like to understand how behaviour change can influence climate change risks and opportunities. The ASC are interested in better understanding the implications of behaviour change for the following groups and climate change impacts:

<table>
<thead>
<tr>
<th>Groups</th>
<th>Climate change impacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Homeowners</td>
<td>- Flooding and coastal erosion</td>
</tr>
<tr>
<td>- Businesses</td>
<td>- Heat and cold</td>
</tr>
<tr>
<td>- Communities</td>
<td>- Water Availability (including drought)</td>
</tr>
<tr>
<td>- Land managers and owners</td>
<td>- Other types of extreme weather e.g.</td>
</tr>
<tr>
<td></td>
<td>rain or wind storms</td>
</tr>
</tbody>
</table>

In each case the project should explore the following research questions:

- What are the observed behaviours different groups adopt in anticipation of a climate-related impact, or when they experience a climate-related impact?
- What are the observed behaviours different groups adopt in anticipation of, or when they experience a climate change opportunity or benefit?
- What factors have been shown to / are likely to influence these behaviours?
  - Do these behaviours vary depending on where people, businesses and communities are located, in terms of both geographical regions (including differences among and within the four UK nations) and for different land types (cities, coastal, rural etc.)?
  - What are the differences in behaviour between those who have experience of a climate-related impact or opportunity and those who have none?
  - How do perceptions of what is acceptable or tolerable affect behaviour?
  - How do socioeconomic factors such as age, income, physical or mental health such as anxiety, stress or trauma affect behaviour?
- What impact do these behaviours have on the resulting net impact from the event? Do they have positive or negative effects? How much do they reduce or increase the resulting impact? How would the behaviours change the size of the impact in the future? Is the effect always likely to be constant, for example given the different size of potential future impacts under global temperature rises of 2°C and 4°C?
• Could those behaviours that are effective be further incentivised and by which interventions?
  o How might data or digital innovations affect decision-making?
  o What are the barriers which could prevent these interventions from being implemented or effective?

Bids should propose a methodology to address the above aims and research questions. The methodology should be based on a number of defined steps, with further detail setting out what specifically will be done at each step, including the number of case studies that will be undertaken and the number of stakeholders from each group that will be engaged with. The method should set out how the analysis will be undertaken (e.g. a literature review, focus groups, surveys, case studies). Bids should also set out how the results of this project will feed into the ASC’s assessment of urgency for addressing climate change risks and opportunities.

https://www.contractsfinder.service.gov.uk/Notice/5132e7ad-fa66-4e39-9433-66f744d81e99

Winston Churchill Memorial Trust Fellowships

Closing date: 18th September 2018 for research trips in 2019 and beyond

The Winston Churchill Memorial Trust is offering funding for UK citizens to travel anywhere in the world to carry out research projects investigating inspiring practice in other countries to identify new and better ways of tackling a wide range of current challenges facing the UK. Churchill Fellowships are available to applicants from all backgrounds, professions, ages and levels of experience and fund overseas trips of four to eight weeks to carry out projects that:

• Can provide public benefit in the UK - to a community, a sector or the country as a whole.
• Could not be researched in the UK and therefore require overseas travel.
• Are not already being implemented widely in the UK.

Eligible projects must fall within the following categories:

• Artists and makers
• Education
• Emergency services: crisis prevention, response and recovery
• Enterprise: supporting social impact
• Environment, conservation and sustainable living
• Healthcare: innovations for the twenty-first century
• Migration: living well together
• New Approaches to Social and Affordable Housing
• Nursing and Allied Health Professions

https://www.wcmt.org.uk/apply
Decarbonising Transport Networks Plus

Closing date: 18 September 2018

This call is for outline proposals. Up to £4 million (£5 million fEC) is available to fund four to five Networks plus concerned with aspects of decarbonising the UK transport system. Each Network should request funding to support of core research, flexible fund, and support staff (including a Hub Manager) as well as communications, engagement and networking activities.

EPSRC will look to fund proposals that collectively span the breadth of technological approaches to the challenge of decarbonising transport. While multi-disciplinarity is encouraged, the clear majority of partners and research each network supports should have a scientific and technological approaches which fall within the remit of EPSRC. Those successful after a sift outline panel will be invited to submit a full proposal, which will undergo full peer review and assessment at an interview panel.

https://epsrc.ukri.org/funding/calls/decarbonising-transport-networks/

BBSRC / GCRF: Agri-systems research to enhance livelihoods in developing countries

Deadline: 19th September 2018 (4pm)

BBSRC is pleased to announce a call for collaborative proposals to address research challenges relating to the sustainable intensification of agricultural systems in developing countries.

The aim of this call is to enhance livelihoods through interdisciplinary research to improve agricultural systems by understanding, at multiple scales, interactions between the biology of crops and farmed animals (including aquaculture), their environments and management.

The call is funded from the UK government’s Global Challenges Research Fund (GCRF). As well as being scientifically excellent, research supported under it must meet the criteria for classification of expenditure as Official Development Assistance (ODA). Up to £8 million is available, subject to the quality of proposals received.


Omics Announcement of Opportunity: Synthesis projects

Deadline: 19th September 2018 (4pm)

NERC in collaboration with the Science & Technology Facilities Council is inviting proposals for Synthesis projects in Environmental ‘Omics.

The aim of the call is to support synthesis activities including workshops (project development and team-building), meetings (including direct end-user engagement), and/or laboratory exchanges, and to support piloted research work that may be necessary as proof-of-concept activities. The projects must generate tangible outputs that may range across
national / international policy proposals, perspective / review articles leading to major inter-disciplinary research proposals. Activities that exploit synthesis to address issues of global importance are encouraged.

This call has a total budget of £300,000 (80% full economic cost (FEC)) and supported projects will have a maximum 12-month duration and a budget of £30,000-50,000 (80% FEC). It is expected that six to ten proposals will be supported through this call.


Later in September

The Committee on Climate Change: To provide updated projections of future water availability for the UK

Closing date: 24\textsuperscript{th} September 2018

The aims of this project are to:

- Quantify future water availability (public water supply and water available for abstraction) over the 21\textsuperscript{st} Century (and beyond if possible) for the UK as a whole; for England, Wales, Scotland and Northern Ireland; and for each water resource zone, for a range of climate and socioeconomic scenarios, on the basis of the current level of adaptation.
- Consider how additional adaptation could deal with any deficits identified.

Bids should propose an outline methodology to address the above aims. The analysis should do the following:

- Produce future water availability projections (public water supply and water available for abstraction) that cover the UK including England, Scotland, Wales and Northern Ireland, and by water resource zone within each country.
- Include and present results between now and 2100 (and beyond if possible) consistent with projected warming consistent with global temperature rises of 2\textdegree C and 4\textdegree C, using the new UK climate projections (UKCP18) where appropriate.
- Provide spatially coherent projections.
- Consider how supply and demand will vary across all sectors (public water supply, natural environment, business and industry including agriculture) together, including private water supplies.
- Include in the baseline assessment the effects of current levels of adaptation across different areas of the UK. This should include or consider analysis undertaken as part of the water resource management plans (UK-wide). The method should consider how to deal with the differing climate change allowances built in to estimates of demand, supply and headroom across different WRMPs, and their treatment of future drought frequency.
- Consider and show the effects of potential future adaptation across different areas of the UK. This should include consideration of how transformational change to industry location, structure of the economy, or energy mix could alter the future supply-demand balance.
- Undertake sensitivity analysis of the results for different assumptions related to climate, socioeconomic change and adaptation.
This methodology should be based on a number of defined steps, with further detail setting out what specifically will be done at each step. The project will also need to take into account the CCRA method (an updated version to be published in Autumn 2018), making sure that results are presented in a fully consistent way with the ASC’s urgency scoring framework. Bids should set out how the results of this project will feed into the ASC’s assessment of urgency for addressing climate change risks and opportunities.

Bids should set out how the project will use the information and data provided by the key projections and scenarios of water supply and demand used by policy makers; including the latest version of water company water resource management plans. The review should include an assessment of the limitations and assumptions underpinning each source of evidence.

Bids should also set out what metrics will be produced and how this will be done.

https://www.contractsfinder.service.gov.uk/Notice/d217d7a6-2eb7-4c6c-8660-50866c31e48b

The Committee on Climate Change: Interacting risks

Closing date 24th September 2018

The ASC would like to better understand the links and cascading effects between climate risks to the natural environment, built environment and infrastructure by using latest systems models and considering societal interactions. The main research questions are:

- What are the interactions between climate change risks in the natural environment, built environment and infrastructure?
- How do these interactions affect the overall level of risk?
- How do these interactions differ in different locations?
- What is the likelihood and consequences of these risks and what therefore are the priority risks between sectors and why?
- What sorts of responses could adaptation decision makers make to address these interactions in policy?
- Are there also any opportunities or benefits arising from climate change impacts causing interactions in these sectors?

Bids should set out how the above aims and objectives will be met. This should include specifically how the steps below will be addressed within the timeframe and budget provided:

1. An approach to conducting a literature review of existing systems models (for example ITRC/NISMOD, TIM model, National Infrastructure Commission modelling). This should include an assessment of what models can do and their benefits and limitations.

2. A method for assessing the interactions of climate risks between the natural environment, built environment and infrastructure, taken from the results of existing systems models and previous analysis conducted for CCRA1 and CCRA2. This
should include, where possible, how bidders will quantify the relative likelihood and consequences of interactions in order to be able to estimate and compare risks. The ASC are particularly interested in understanding how these interacting risks affect people differently, depending on their social environment (e.g. age and income) and the spatial distribution of risks (including for each devolved administration and cross-border issues of risk interactivity).

3. A method or framework for prioritising interactions. The ASC envisage this will include some systems diagrams and interaction matrices.

4. How the research results can be used in the ASC’s assessment of urgency in CCRA3, and by adaptation decision makers in policy making. The ASC will be publishing its updated method and urgency framework for CCRA3 in the autumn of 2018, but the assessment of urgency will be similar to CCRA2.

For step 2 any socioeconomic dimensions driving the project analysis must, in the first instance, be taken from another project commissioned by the ASC entitled “A consistent set of socioeconomic dimensions for the CCRA3 Evidence Report research projects”. If a wider range of socioeconomic dimensions are required then the successful bidder should liaise with the ASC and the socioeconomic dimensions project staff to develop those required dimensions.

https://www.contractsfinder.service.gov.uk/Notice/0a1b4a4e-62e9-467d-a521-96a9d528c46b

NERC – Innovation Projects

Call opens: 4th July 2018 Call closes: 26th September 2018

The Innovation Projects open call reflects NERC’s vision and emphasis on delivering impact. This call picks up where research grants leave off, supporting translational and knowledge exchange activity and enabling research outputs from research council funded research to be taken further and developed into practical (non-commercial) application, so their potential outcomes can be realised.

Funds will be used to support projects which focus upon generating user applicable outputs from past and/or current research council funded research and which translates them into outcomes that achieve impact within the NERC remit. Whilst projects can be purely UK-focused, NERC also welcomes projects that are aimed at improving economic growth and welfare in developing countries.

Proposals may apply for up to a maximum of £155,000 at 100% full economic cost (FEC) and duration of up to 18 months per project. NERC would pay 80% FEC for UK research organisation costs and 100% of any agreed direct costs to international partners.

Proposals to this call must involve non-academic end users as project partners. Private, public or third-sector organisations or institutions with an interest that falls within NERC’s remit are eligible to be considered as end users in the context of this call.
Since the strength of the relationship between end users and researchers is often what underpins the likelihood of success of any translational and knowledge exchange activity, it is essential that end users are involved in both the development and delivery of proposals. [https://nerc.ukri.org/funding/available/schemes/innovation-projects/](https://nerc.ukri.org/funding/available/schemes/innovation-projects/)

**The Royal Society – Research Professorships**

*Deadline: 26th September 2018, 3 pm*

Royal Society Research Professorships provide long term support for world-class researchers of outstanding achievement and promise. These are the Society’s premier research awards and the aim of this scheme is to release the best leading researchers from teaching and administration allowing them to focus on research.

Scheme provides:

- Contribution to the award-holder’s salary costs (including on-costs) of £82,664 (basic salary) per year, which can be supplemented at the discretion of the host organisation;
- Award holders will receive research expenses of up to £100,000 per year, confirmed until the end of March 2021 (and £16,000 per year for the remainder of the award).
- In addition, the Society will provide start-up costs of £500,000 over the first three financial years (£200,000 in year 1 and year 2, and £100,000 in year 3).

This scheme is open to world-class researchers (scientists and engineers) of outstanding achievement. Read full details on eligibility on the Royal Society [website](https://royalsociety.org/).

**October and beyond**

**NERC - Independent Research Fellowships**

*Call closes: 2nd October 2018*

The NERC Independent Research Fellowship (IRF) scheme is designed to develop scientific leadership among the most promising early-career environmental scientists, by giving all fellows five years’ support, which will allow them sufficient time to develop their research programmes and to gain international recognition.

As part of this scheme, NERC will expand its fellowship networking and training activities, working with host institutions, to support the development of future leaders in NERC science. In order to identify future science leaders, the assessment process will concentrate on applicants’ research potential, with track record assessed in a way that is appropriate to career stage. Applicants will be expected to:

- demonstrate their research vision and philosophy and outline ways in which their research could be developed over the five year fellowship;
- explain how they will contribute to the international research area and interact with the leading international groups in their field;
• explain how they will enable the potential economic or societal benefits of their research to be realised.

In order to demonstrate a commitment to the development of NERC IRFs, the head of department of the host institution will be required to demonstrate:

• the availability of structured institutional support, including infrastructure and facilities, funds to support research, and access to PhD students;
• support for personal development of the fellow, including mentoring, appropriate review, and training courses.

https://nerc.ukri.org/funding/available/fellowships/irf/

The UCL and Wellcome Trust Institutional Strategic Support Fund (ISSF) Cross-disciplinary Projects 2018

Deadline Friday 5th October, 5pm

UCL is the recipient of a Wellcome Institutional Strategic Support Fund (WT ISSF) award that enables us to invest in our excellent research capabilities in the life and biomedical sciences, and support strategically important research activities that are within the Wellcome remit.

Cross-disciplinary Projects: Funding is now available to support small research projects, up to £50K each, that require a cross-disciplinary approach to progress new knowledge and insights, as well as promoting collaboration, across different research disciplines.

Awards are expected to have a duration of between 6 -12 months, and be ready to start by early January 2019. The project costs should be appropriate for the proposed plan of work and justified within the application. Matched funding is a requirement.

Only employees of UCL who are research fellows or permanent academics may apply.

Completed applications which include CVs (2 pages + 1 page of publications max per investigator) and the co-signatures of the Divisional/Institute Director/HOD (HOD for BEAMS only) and Divisional Managers for each applicant should be combined and sent in a single PDF file no later than 5pm on Friday 5th October 2018 to Elspeth.latimer@ucl.ac.uk with “ISSF Cross-disciplinary Award” in the subject line.

Wellcome Trust Institutional Strategic Support Fund (WT ISSF) Flexible Support Awards 2018

Deadline Friday 5th October, 5pm

UCL is the recipient of a Wellcome Institutional Strategic Support Fund (ISSF) award that enables us to invest in our excellent research capabilities in the life and biomedical sciences. The ISSF supports strategically important research activities that are within the remit of the Wellcome. Applications are currently being sought for two schemes:

1) Establishing New Research Groups or Research Programmes
2) Fellowship Extensions

Awards are expected to be in the range of £25k–£50k and have a duration of 6 months, with a start date of January 2019. The project costs should be appropriate for the proposed plan of work and justified within the application. Matched funding is a requirement; please see below for details.

To apply for funding, please complete the Flexible Support Awards application and send, along with the other required documents, to slms.facilitators@ucl.ac.uk, no later than 5pm on Friday 5th October with “WT ISSF Flexible Support Awards 2018” in the subject line.

Incomplete applications which do not follow the guidance provided will not be considered.

Applications must include:

1. A completed application form
   - Requires confirmation from Divisional/Institute Director in SLMS or Head of Department in BEAMS that they are willing to contribute 50% of the funds.

2. CV(s) [2 pages max + 1 page of publications]
   - For New Research Groups please include PI(s) CV
   - Fellowship Applicant

3. Standalone Worktribe costing with confirmation from Divisional Director in SLMS/Head of Department in BEAMS that the costings have been approved.

€500 Million Available from Second 2018 CEF Energy Call

The deadline for submissions is 11th October 2018

The aim of the Connecting Europe Facility (CEF) is to accelerate investment in the field of trans-European networks and to leverage funding from public and private sectors. The CEF provides EU funding for infrastructure projects, which in the case of energy shall increase competitiveness, enhance the EU's security of energy supply, and contribute to sustainable development and protection of the environment (for example, by maximising the use of renewable energy and smart energy networks).

The second 2018 CEF Energy Call for Proposals will make €500 million available to finance trans-European energy infrastructure projects of common interest in the energy sector, namely in electricity and gas. CEF contributes to projects with a European added value and significant societal benefits which do not receive adequate financing from the market.

The Call supports projects geared at the following objectives:

- Ending energy isolation.
- Increasing competitiveness by promoting the integration on the internal energy market and the interoperability of electricity and gas networks across borders.
- Enhancing the Union's security of supply.
- Integrating energy from renewable sources and developing smart energy networks.
- Eliminating energy bottlenecks.
- Completion of the internal energy market.
- Contributing to sustainable development and protection of the environment, inter alia by the integration of energy from renewable sources and by the development of smart energy networks and cross-border carbon dioxide networks.
Proposals must be submitted by one or more Member States or by international organisations, joint undertakings, or public or private undertakings or bodies established in Member States. Where necessary, third countries and entities established in third countries may participate in actions; however, they may not receive financial assistance except where it is indispensable to achieving the objectives of a given project of common interest.


Wellcome Trust Climate Change and Health Awards

Closing dates: 11th October for preliminary applications; 10th January for full applications

Climate Change and Health Awards are open to researchers who want to better understand the links between climate change and people’s health. The awards are open to individuals or teams of up to ten members from anywhere in the world. You can apply for up to £500,000.

To be eligible, your proposal must focus on at least one of the following areas:
1. Developing tools, data sources and other resources to support research into climate change and health
2. Assessing the health co-benefits of actions to mitigate climate change
3. Assessing the health impacts of actions to adapt to climate change.

https://wellcome.ac.uk/funding/climate-change-and-health-awards

UKRI GCRF Global Engagement Networks

Deadline (outlines): 11 October 2018

The Global Challenges Research Fund (GCRF) is a five-year £1.5 billion fund and a key component in the delivery of the UK Aid Strategy: tackling global challenges in the national interest. The fund aims to ensure that UK research takes a leading role in addressing the problems faced by developing countries through:
- Challenge-led disciplinary and interdisciplinary research;
- Strengthening capacity for research and innovation within both the UK and developing countries;
- Providing an agile response to emergencies where there is an urgent research need.

As part of the GCRF, UK Research and Innovation (UKRI) invite proposals for community building networks focused around research challenges within the six strategic GCRF Challenge portfolios:
- Cities and Sustainable Infrastructure;
- Education;
- Food Systems;
- Global Health;
- Resilience to Environmental Shocks and Change;
- Security, Protracted Conflict, Refugee Crises and Forced Displacement.

The Network Director (PI) for each Network must be an academic based at an eligible research organisation in a country on the OECD DAC list.

How much is available: up to £150k over 2 yrs for each network.
**ERC Starting Grant**

*Deadline for full proposal: 17th October 2018 (4 PM)*

Application now open to submit proposals to ERC Starting Grants. Designed to support PIs at the starting independent research team stage. Starting Grants may be awarded up to a max €1.5m for 5 year period.

**Eligibility:**

- The PI shall have been awarded their first PhD at least 2 and up to 7 years prior to 1 January 2019.
- A competitive Starting Grant PI must have already shown the potential for research independence and evidence of maturity, for example by having produced **at least one important publication as main author** or without the participation of their PhD supervisor.
- Applicant Principal Investigators should also be able to demonstrate a promising track record of early achievements appropriate to their research field and career stage, including significant publications (as main author) in major international peer-reviewed multidisciplinary scientific journals, or in the leading international peer-reviewed journals of their respective field.
- They may also demonstrate a record of invited presentations in well-established international conferences, granted patents, awards, prizes etc.

Further details on the [website](https://www.ukri.org/research/global-challenges-research-fund/global-engagement-networks/).

Please note, we will be providing feedback and support on all BEAMS proposals. To help us prepare for this, we are asking for an intention to submit by Monday 17th September (thanks to those who have already let us know – we have your intentions on record). To do this, please email ovpr.beams@ucl.ac.uk with your proposed title, the panel to which you will be submitting, and the name of a senior academic sponsor/mentor who has agreed to review your proposal.

*We will then review any full drafts which are submitted to us by close of play on 25th September and try to return feedback by 29th September. You should also submit this draft to your academic sponsor/mentor.*

**EPSRC - Prosperity Partnerships**

*Inform EPSRC of intent to submit: 19th October 2018 (4 PM)*

*Call closes (Expression of Interest): 26th October 2018 (4 PM)*

*Full proposal submission: 28th February 2019*

EPSRC wishes to support (up to £20m available) existing, strategic, research-based partnerships between business and universities by providing an opportunity for co-investment in large-scale, long term, user-inspired basic research programmes at TRL 1-3. These must address EPSRC’s [Prosperity Outcomes](https://www.ukri.org/research/global-challenges-research-fund/global-engagement-networks/) Framework. The strategies of the universities and businesses involved should also be addressed. All Prosperity Partnerships must be able to generate value in some form for the UK, it is anticipated that businesses will have an active research base and R&D presence in the UK.

EPSRC encourages cross-disciplinary research and recognises that many Prosperity Partnerships will be inherently cross-disciplinary, but primarily the balance of research should be in EPSRC interest.
The call process will be in three stages, with this call being an initial expression of interest stage which will be led by the main business partner, who should complete the EoI form embedded on this call page.

Full details on eligibility and requirements available on the EPSRC website

**ISCF - Transforming Food Production**

*Application deadline: 24th October 2018, 12 pm*

UK Research and Innovation, through the Industrial Strategy Challenge Fund, will invest up to £20 million in innovation projects. These must improve productivity and sustainability by developing enhanced decisions support, precision agriculture technology solutions and systems for crop and ruminant agriculture.

Projects can include:

- combining digital technologies and engineering solutions with biological, environmental and/or social science
- developing technologies and solutions that connect farms and supply chains
- transferring technology from another sector into agriculture, providing this requires innovation.

Two types of projects will be funded:

- productivity solutions to a single challenge
- supply chain solutions involving multiple interventions.

Projects must be business-led. Projects with total costs of: (i) under £100,000 can be single or collaborative but must be led by an SME; (ii) £100,000 or more must be collaborative and involve an SME.


**ISCF - Productive and sustainable crop and ruminant agricultural systems**

*Competition closes: Wednesday 24 October 2018 12:00pm*

UK Research and Innovation, through the Industrial Strategy Challenge Fund, will invest up to **£20 million** in innovation projects. These must improve productivity and sustainability by developing enhanced decisions support, precision agriculture technology solutions and systems for crop and ruminant agriculture.

Projects can include:

1. combining digital technologies and engineering solutions with biological, environmental and/or social science
2. developing technologies and solutions that connect farms and supply chains
3. transferring technology from another sector into agriculture, providing this requires innovation

Two types of projects are funded:

1. productivity solutions to a single challenge
2. supply chain solutions involving multiple interventions

Projects must be business-led. Projects with total costs of:

1. < £100k can be single or collaborative but must be led by an SME
2. > £100k must be collaborative and involve an SME

https://apply-for-innovation-funding.service.gov.uk/competition/220/overview

Announcement of Opportunity: Environmental Evidence for the Future initiative call 2018

Closing date: 16:00 on 8 November 2018

NERC is inviting proposals for research projects costing up to £100,000 (100% full economic cost (FEC)) and of up to 12 months’ duration under the Environmental Evidence for the Future (EEF) initiative.

Mapping activities should be based within the context of the UK’s decision to leave the European Union (EU), and the associated environmental frameworks, with a view to addressing the likely medium to long-term public policy and regulatory challenges across the UK. Projects will seek to build and strengthen the environmental evidence base in the long-term by:

- informing potential further research, innovation and/or syntheses activities
- demonstrating and developing best practice
- supporting capacity and community building.

EEF is a new programme of activity, led by NERC and supported by the Economic & Social Research Council (ESRC), that will pave the way to addressing the crucial medium to long-term challenges and exciting opportunities that present from the UK leaving the EU. It will include optimising sustainable environmental management and ensuring the resilience of our ecosystems and the quality of our environment.

Funding of up to £400,000 (100% FEC) is available for this call.


BBSRC – Calls for International Partnering Awards

Application deadline for all calls is 15th November 2018, 4 pm

Calls open on 10th September 2018 for funding provision to support the development of long-term collaborations with overseas scientist.

The list of countries:

- Japan
- Brazil
- China
For all, the following scope of the awards applies:

- Funds can only be used for travel, subsistence and other activities, such as workshops or exchanges. They are not to fund salary costs, consumables, items of equipment or other research costs, nor to link ongoing single collaborative projects.
- Successful awards should aim to start from April 2019.
- Research groups should try and access other sources of funding in addition to the Partnering Award.
- Funds provided in the sum of £25,000-50,000 depending on the partnering country.

Eligibility:

- Open to current BBSRC research grant holders and researchers employed at National Institutes of Bioscience who are in receipt of BBSRC funding.
- Consortia of academics may apply, with one person acting as the lead.

Please read specific details for eligibility and requirements on the respective webpages for each partnering country.

**European Commission Horizon 2020 Call SC1-BHC-13-2019: Mining big data for early detection of infectious disease threats driven by climate change and other factors**

*Deadline: 16 April 2019*

It is expected that proposals will develop:

- The technology to allow the pooling, access, analysis, and sharing of relevant data, including next generation sequencing;
- The innovative bio-informatics and modelling methodologies that enable risk modelling and mapping; and
- The analytical tools for early warning, risk assessment and monitoring of (re-)emerging infectious disease threats.

Proposals should be transdisciplinary and ensure an integrated One Health approach by linking data from a wide range of relevant sources depending on the infectious disease threat.

How much you can get: €12-15m


**Funding coming soon**

**Tackling global development challenges through mathematical sciences**

*Opening date 14th September 2018. Closing date 14th February 2019 at 16:00*

In early autumn 2018 EPSRC will launch two complementary Global Challenges Research Fund calls for proposals to tackle global development challenges through mathematical sciences.

One call will be for research proposals on empowering inclusion and building society, the other will be for capacity building.
Belmont Forum in collaboration with Future Earth: Call for Ocean Sustainability Research

More information coming late September 2018

The Belmont Forum, in collaboration with Future Earth, will in early fall 2018 launch a call aiming at bringing together researchers and other expertise across the globe to innovate solutions to accelerate sustainable use of oceans and minimize the effects from global change.

This Collaborative Research Action (CRA) call aims to contribute to the overall challenge of ocean sustainability, with the UN Sustainable Development Goal no. 14 (Conserve and sustainably use the oceans, seas and marine resources for sustainable development) as the overall framework. Because the challenge is complex, there is a need for integrated, interdisciplinary and cross sectoral approaches, bringing together natural and social sciences, as well as policymakers, resource managers, industries, citizens and other societal partners.

Given the complexity and scope of the challenges, research consortia must be truly transdisciplinary, thus including researchers from: a) social sciences/humanities/economy and b) natural sciences/technology, as well as c) societal partners (i.e. citizens, civil society organizations), using a co-design, co-development and co-implementation approach.

A key criterion is that research consortia shall be supported financially by at least three partner agencies in three different countries from at least two continents. Consortium partners that are not eligible for funding from any of the participating funding agencies can participate in the research project at their own expense.

This call aims to support medium-sized research projects with 3 to 4 years duration. A two-step process will apply, with a mandatory pre-registration of projects at the first step, and submission of full proposals at the second step.

More information will be available in late September 2018 – please consult your national funder(s) or the Belmont Forum web site: https://www.belmontforum.org.

BBSRC/STFC/NERC UK-India Agricultural Data: Enhancement by Integration, Interpretation and Reusability

The call for proposals will be launched in late September/early October 2018 and will close in early January 2019.

The joint India-UK multi-disciplinary funding for collaborative research proposals focussing on enhancement of agricultural data relevant to animal and plant health in India. The purpose of the call is to build effective multi-disciplinary networks and partnerships between Indian and UK researchers and encourage end-user engagement (for example with farmers).

Investments made through this call will:

- Increase the capability to predict disease/pest/pathogen outbreaks. Also, generate new knowledge that will improve yields and productivity on-farms, enhance animal
and plant health, reduce losses, and increase farmers’ incomes. Thus, improving the livelihood of small-holder farmers in India.

- Develop big data handling capacity and capability in India and the UK and develop tools, resources, and methodologies for reuse, integration, and responsible sharing of agricultural data between India and the UK.

Eligible candidates should have:

- Experience of working on agricultural data challenges and solutions applicable to India.
- Experience of working on big data challenges that could offer wider technical expertise that is relevant in the scope of the call.
- The capacity to work on multidisciplinary challenges and to enhance existing data for new applications in the agricultural sector.
- BBSRC, STFC, NERC, and DBT are holding a UK-India partnership building workshop early in the week commencing 19 November 2018 in India, to bring together UK and Indian scientists interested in this area. Expressions of Interest (EoI) from eligible UK researchers who are interested in taking part in this partnership building workshop and are able to contribute expertise and experience to the discussions with their Indian counterparts.
- UK applicants should complete an EoI using the form: Key Survey: UK-India Agricultural Data Partnering Workshop at the BBSRC website. The application deadline for the workshop is 18 September 2018 (4pm).

Notices

Energy and Environment contributions sought for POSTnotes

Ongoing, but the sooner the better

At Board meetings, POST advisers present a shortlist of topics for discussion. The following projects were approved by the POST board but work has not yet started. If you would like to contribute or find out more at this stage please contact POST@parliament.ac.uk

Biological sciences and health

- Influence of industry on public health policy
- Links of antimicrobial use in animals and antimicrobial resistance in human pathogens
- Outward medical tourism

Environment and energy

- Mitigation and adaptation in agriculture
- Assessing and restoring soil microbiomes
- Environmental gain

Physical sciences and ICT

- Cyber security of consumer products
Social sciences

- Approaches to reducing violent crime, focusing on early interventions
- Robotics in social care

https://www.parliament.uk/mps-lords-and-offices/offices/bicameral/post/work-programme/planned-work/

UCL Public Policy Blog Competition

Deadline 2nd November 2018

UCL Public Policy are keen to hear the one policy you would implement to combat climate change, to be in with a chance of winning a £50 gift voucher or one of four runners up prizes. Your blog should explain what your policy would be, how it will make a difference, and why it would be the best policy. Entries should be no more than 600 words and aim to be interesting, engaging, thought provoking and accessible to all. The best entries will be published on the UCL Public Policy and Fantasy Frontbench blogs.

https://www.ucl.ac.uk/public-policy/fantasy-frontbench

Innovate UK - Women in Innovation Awards 2018

Call closes: Wednesday 3 October 2018, 12 pm.

Innovation funding, coupled with a package of tailored support to be awarded to businesswomen in the UK who have enterprising ideas and the potential to become leaders in innovation and deliver economic growth. Applicants must be confident, with the support of an award, that they can make a significant contribution to one of the Industrial Strategy Grand Challenges:

- Artificial intelligence and data.
- Ageing society.
- Clean growth.
- Future of mobility.

https://apply-for-innovation-funding.service.gov.uk/competition/204/overview

Events

UCL Sustainability Week 2018

The UCL’s Sustainability team are organising UCL’s Sustainability Week. The week will take place from the 29th October - 4th November 2018.

Throughout the week there will be a sustainability-focused art exhibition throughout campus, a food-related campaign in halls and a Sustainability Market and Fair on the 1st November. In addition to this there will be sustainability-related talks, workshops and activities (e.g. vegetarian cooking lessons, cycling lessons, repair workshops etc.). The Sustainability Department are looking for groups and academics to put on sustainability-related workshops, talks or activities. They are particularly keen to showcase the work of
UCL academics and students working on sustainability-related research and projects either through talks or as an exhibition.

If you are interested in showcasing your work, please email Hannah Biggs at hannah.biggs@ucl.ac.uk with an idea of what you might like to showcase during this week. Please email Hannah ASAP.

This is a great opportunity to educate the UCL community on sustainability-related topics.

**Innovate UK - Clean Growth and Infrastructure Innovation**

**Date: 3rd October**

Innovate UK and the Knowledge Transfer Network are hosting the first ever Clean Growth and Infrastructure Innovation event.

The purpose of the day is to foster innovation and enhance collaboration across the UK in this key area. This event aims to enhance interactions and build a stronger network amongst the significant wealth of expertise the UK has in Clean Growth from companies, key stakeholders and academia.

We will be promoting funding opportunities available for innovators working across the supply chain in Clean Growth and providing insights from a panel comprised of people with considerable sector and regional expertise.

Delegates can expect:

- to gain insight of local and large industry needs and drivers
- obtain pointers and tips from successful grant winners
- receive valuable insights on topics and future funding opportunities
- to better understand the support available locally and nationally to develop applications
- the opportunity to participate in brokerage sessions throughout the day, and form new relationships

There will be opportunities for you to learn about our sector, meet with relevant experts and connect with other businesses.

[https://ktn-uk.co.uk/events/clean-growth-and-infrastructure-innovation-event](https://ktn-uk.co.uk/events/clean-growth-and-infrastructure-innovation-event)

**Westminster Sustainable Business Forum Water Resources and Flood Management Events**

The Westminster Sustainable Business Forum will be organising a series of events to look at some of the policy detail from our recent Bricks & Water report. The dates for these are:
• 9.30-11.30am Tuesday 23rd October – Water resources and water efficiency
• 9.30-11.30am Tuesday 13th November – Valuing water and behavioural change
• 9.30-11.30am Tuesday 29th January 2019 – Green infrastructure and sustainable drainage
• 9.30-11.30am Tuesday 19th February 2019 – Flooding and managing risk

If you are interested in attending please contact Katherine Welch