

Addiction research training in a post-Brexit, post-Covid world

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Disclosures

Research funding

MRC, NIHR, GSK, Lundbeck, Alcarelle

Honoraria for talks
(into University account)

Lundbeck, Janssen-Cilag, Pfizer, Servier

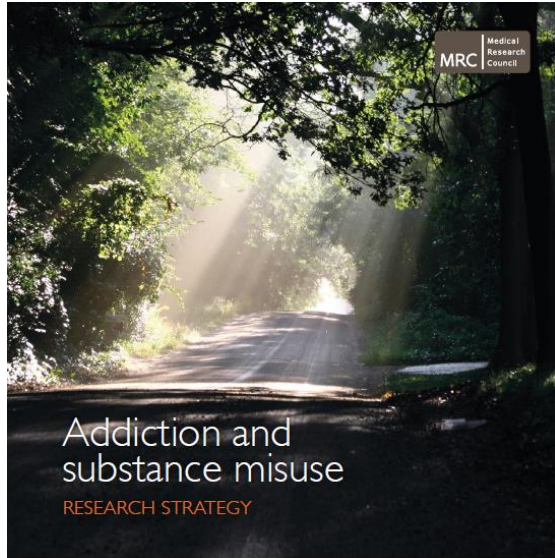
Consultancy

Astra Zeneca (not paid), Silence, Sanofi-Aventis,
Dobrin (not paid), Opiant (not paid), Britannia (not
paid), GLG (not paid)

Other

Previous member of Lundbeck International
Neuroscience Foundation
Led British Association for Psychopharmacology's
Addiction guidelines, which received support from
Archimedes Pharma, Lundbeck, Pfizer, Schering

Pre-Brexit, pre-Covid Background

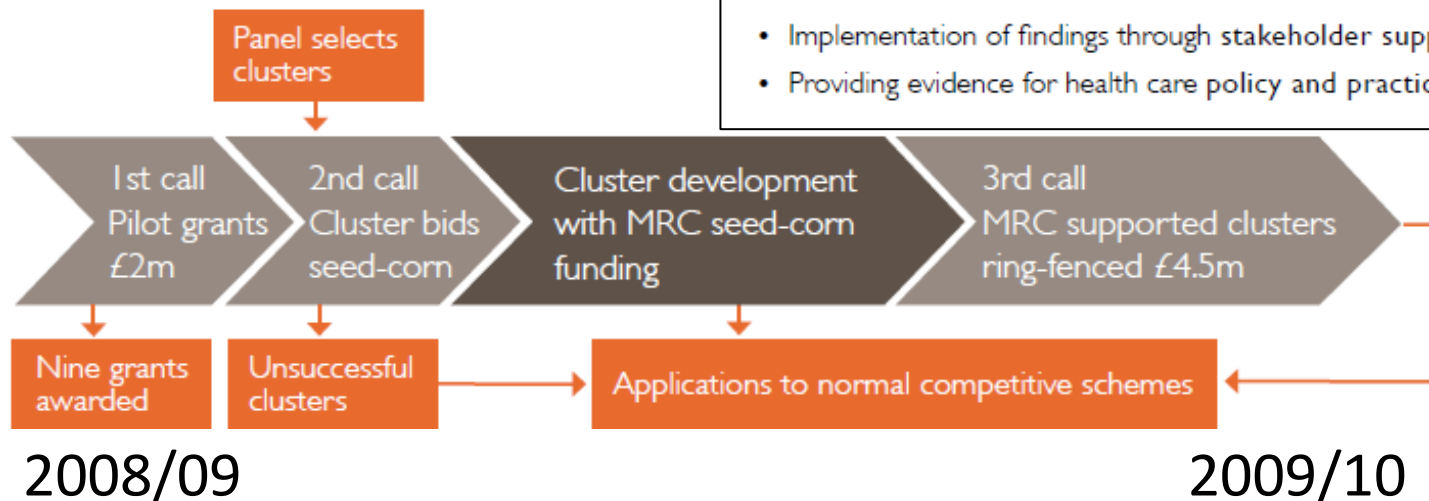


Interdisciplinary research clusters

To deliver this strategy, the MRC and the ESRC believe that the UK addiction research base needs to increase capacity and improve cross-disciplinary links. A key part of the strategy is to support the development of interdisciplinary clusters of experts with excellent research track records in their own disciplines (not necessarily addiction). These research clusters will provide a platform for competitive innovative research proposals.

Key elements of the research clusters are:

- Collaboration between disciplines and institutions to address a common problem; combining social, medical and biological research.
- New expertise to build capacity.
- New questions to be addressed within the agreed addiction themes through improved access to expertise/ infrastructure.
- Facilitation of interdisciplinary research beyond the traditional MRC remit.
- Implementation of findings through stakeholder support.
- Providing evidence for health care policy and practice.



Do we have the *clinical* academic workforce?

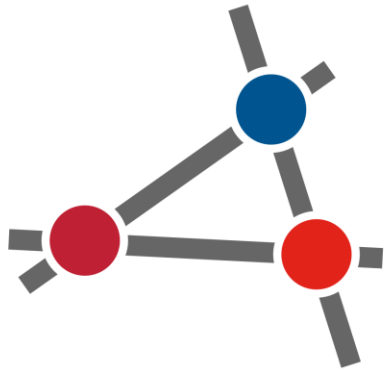


Clinical services

Research-active
'hospitals' provide
the best care

University
'Ivory Tower'

Awarded 2014, started 2015



MARC

MRC Addiction Research Clinical
Training Program

Imperial College
London



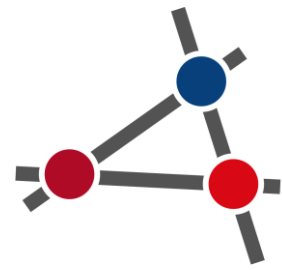
Prof Anne
Lingford-Hughes

Prof Colin
Drummond

Prof Matt
Hickman

<http://www.imperial.ac.uk/medicine/mrc-addiction-research-clinical-training/>
marc@imperial.ac.uk ; @MARC_Addiction

MARC: Vision

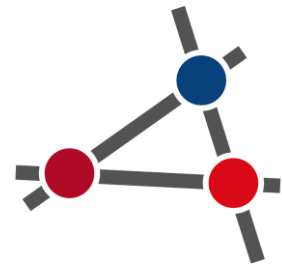


- To develop the future UK clinical research leaders in addiction
 - We estimated that the 7 clinical Professors would all have retired / be retirement age in 10yrs (by 2025) with lack of clinical academics in development (2 Clinical Senior Lecturers, no Lecturers)
- By establishing PhD studentships (2 in each institution)
 - Linked with preparatory fellowships, matched funding
 - Added value to already funded projects
 - Mentoring those who could not move
- By raising profile of clinical addiction research
 - By holding meetings with other organisations eg SSA, BAP, RCPsych
 - MARC events
 - Mentoring

Imperial College




PhD studentships:



- Dr Sam Turton
 - Appointed pre-core training, now Psychiatry ACF @ SLAM; Awarded Phd 2019 “C Neurotransmission in Alcohol Addiction”
- Dr Katie Herlinger
 - Appointed pre-core training, Currently undertaking PhD: “Characterising the neurobiology of detoxification in opiate dependence: is there a role for NK1 antagonism to improve outcomes?”

IOPPN, Kings College London

- Dr Emmert Roberts 
 - Applied post-MRCPsych. Passed viva 2021: Alcohol-related health harm : An exploration using data from inpatient hospital admissions and specialist community alcohol treatment. Completing clinical training, applying for fellowships.
- Dr Miriam Hillyard (GP)
 - Preparatory fellowship @ KCL (matched BRC funding), MSc in London School of Hygiene and Tropical Medicine, started PhD “Addiction in the LGBT community”

University of Bristol

- Dr Prianka Padmanathan
 - Interviewed pre-ACF, started her PhD during ACF research time: "Suicide, Self-harm and Substance Use"
- Dr Daniel Titheradge
 - Completed MRes 2021; Started PhD: "Understanding the neurophysiological pathways underlying the epidemiological association between early life experience and alcohol use disorder in adulthood."

Blunted endogenous opioid release following an oral dexamphetamine challenge in abstinent alcohol-dependent individuals

Samuel Turton¹ · James FM Myers¹ · Inge Mick^{1,2} · Alessandro Colasanti^{3,4} · Ashwin Venkatasubramanian⁵ · Adam Waldman⁵ · Alan Brailsford⁶ · Mark C Parkin⁶ · Gemma Dawe⁷ · Eugenii A Rabinovich⁸ · Stafford L Lightman¹¹ · David J Nutt⁹ · Anne Lingford-Hughes¹

ADDICTION

REVIEW

The prevalence of wholly attributable alcohol conditions in the United Kingdom hospital system: a systematic review, meta-analysis and meta-regression

Emmert Roberts¹ , Rachel Morse², Sophie Epstein³, Colin Drummond¹

ADDICTION

CLINICAL ISSUES: SUBSTANCE USE DISORDERS

Opioid use disorder and the brain: a clinical perspective

Katherine Herlinger¹  & Anne Lingford-Hughes² 

MRC Addiction Research Clinical Training Programme, Imperial College London, London, UK¹ and Division of Psychiatry at Imperial College London, London, UK²



Prevention of suicide and reduction of self-harm among people with substance use disorder: A systematic review and meta-analysis of randomised controlled trials

Prianka Padmanathan^{a,*}, Katherine Hall^b, Paul Moran^{a,e}, Hayley E. Jones^a, David Gunnell^{a,e}, Victoria Carlisle^c, Anne Lingford-Hughes^d, Matthew Hickman^{a,e}



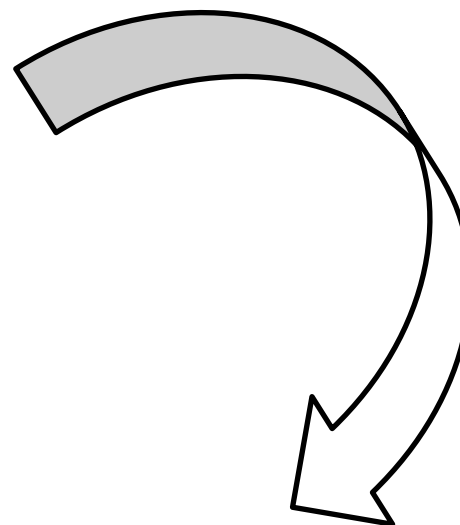
Access to specialist community alcohol treatment in England, and the relationship with alcohol-related hospital admissions: qualitative study of service users, service providers and service commissioners

Emmert Roberts, Miriam Hillyard, Matthew Hotopf, Stephen Parkin* and Colin Drummond*

MARC: reflections

- Programme start coincided with responsibility for addiction services moving from NHS to local authorities & funds cut
 - 'career prospects'?

Addiction services: led by psychiatry in NHS



Cuts in funding, commissioned by local authority, led by 3rd sector in partnership with NHS



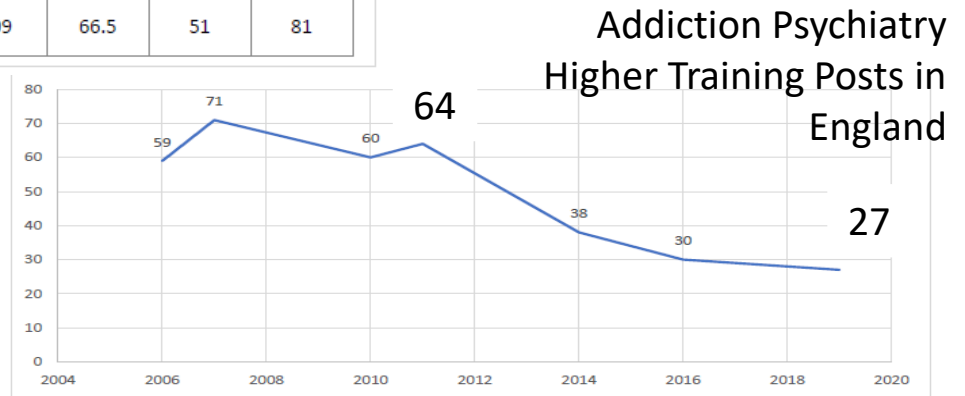
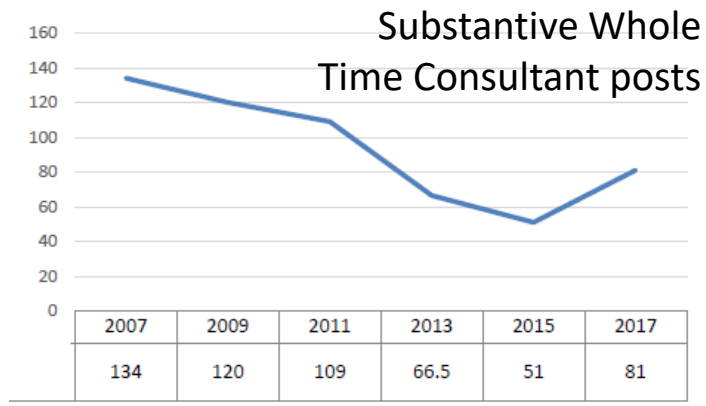
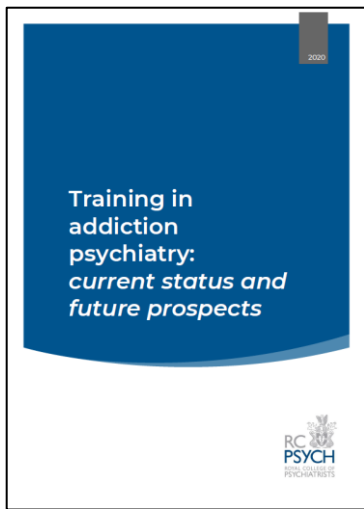
Range of skills, training:

Drugs worker

Recovery support worker

Counsellor

Trauma aware pathway navigator

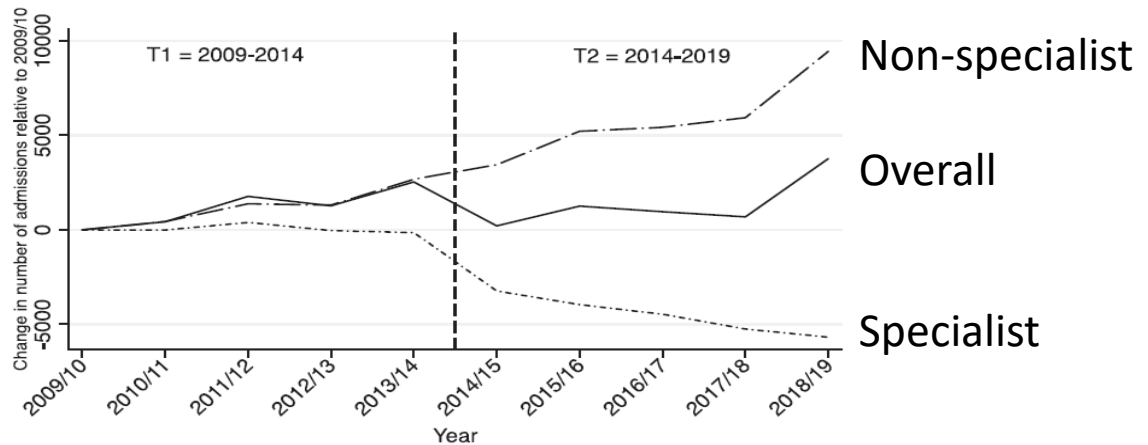


A 'lost generation'

- risk of an unrecoverable decline as a diminishing workforce not being replenished
- research competent?

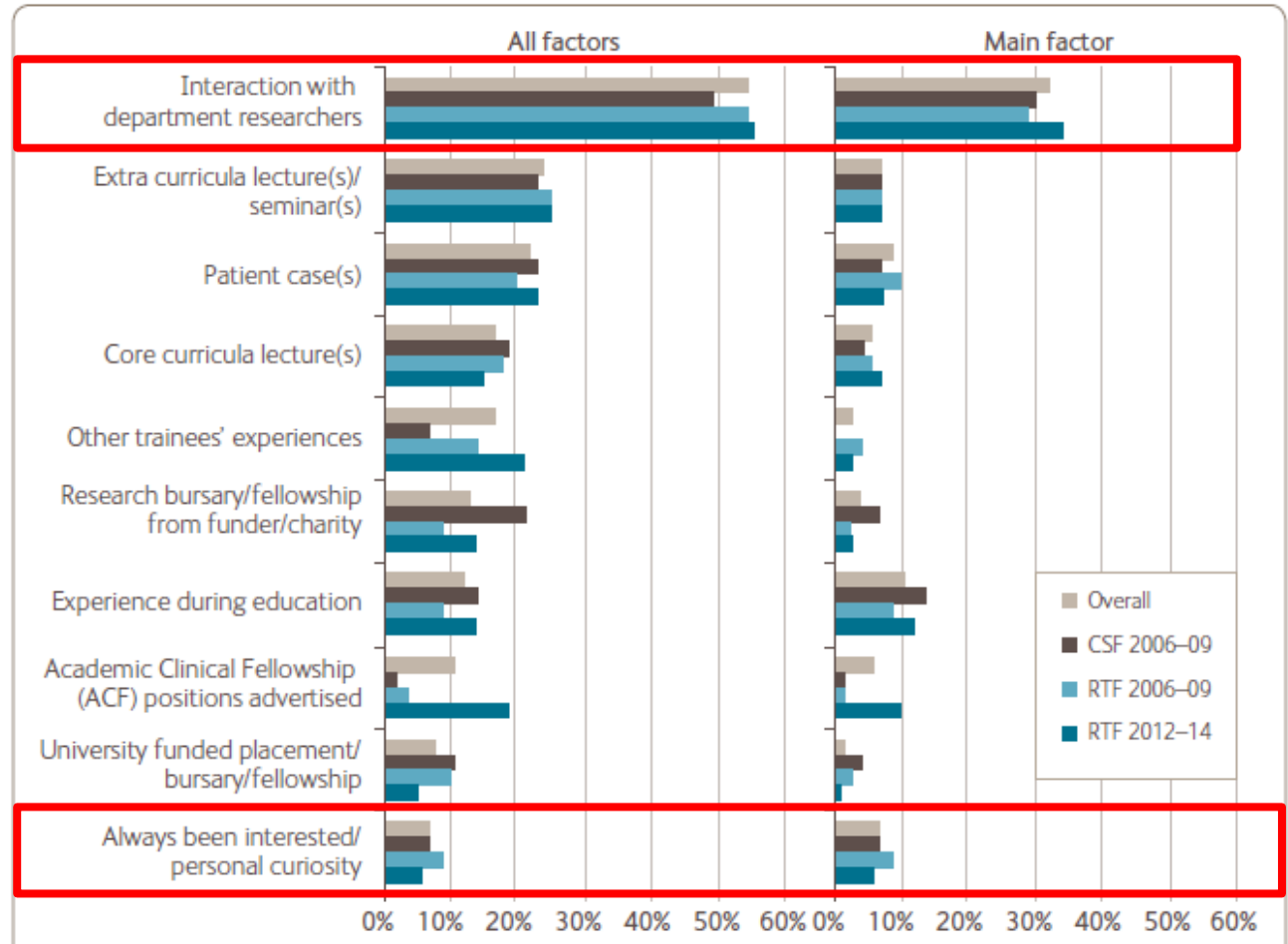
Unlikely now to have specialist admission for alcohol withdrawal

Admissions for alcohol withdrawal



What sparked your interest in research?

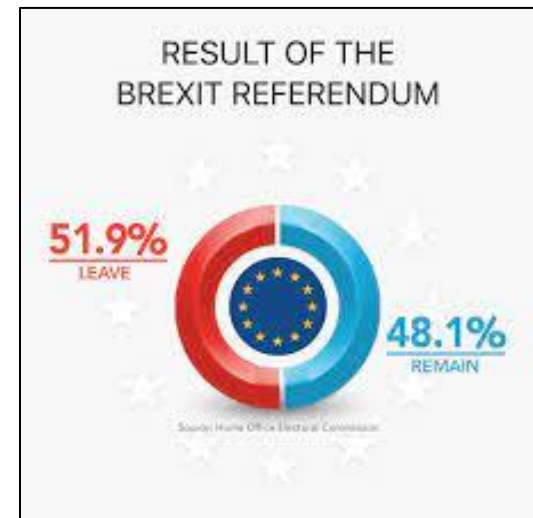
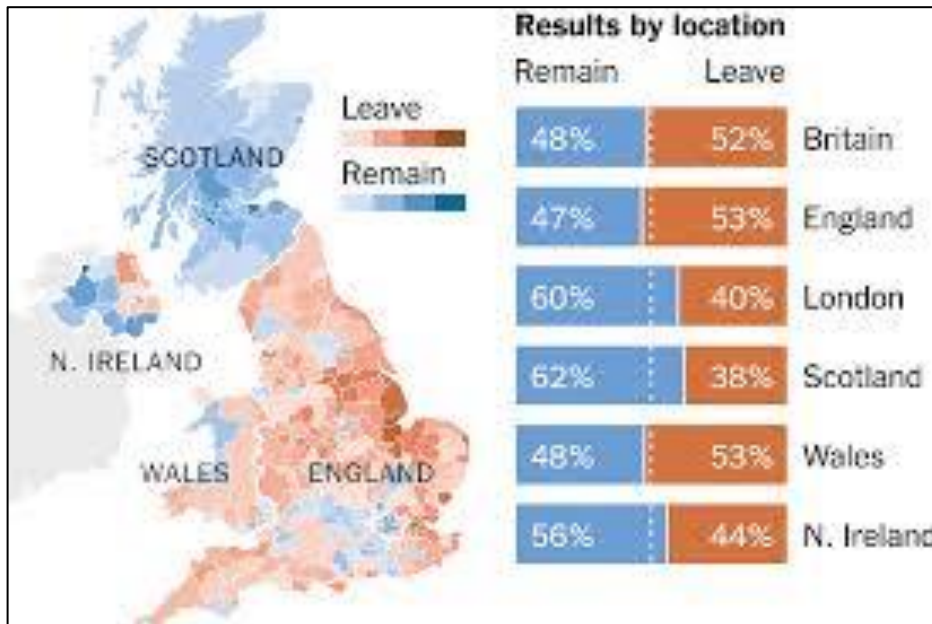
- Importance of having researchers around and research part of routine



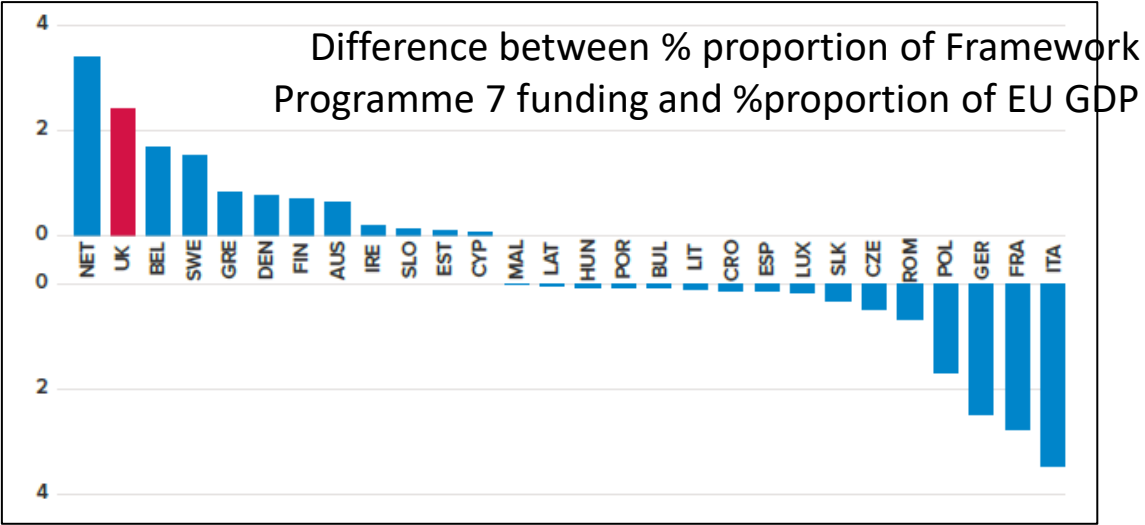
MARC: reflections

- Programme start coincided with responsibility for addiction services moving from NHS to local authorities & funds cut
 - ‘career prospects’?
- Applicants were earlier in their career than expected
 - challenges to the ‘conveyor belt’ of training
- Difficulty in recruiting other disciplines eg psychology, nurses etc
 - Funded by Neuroscience and Mental Health Board

June 23rd 2016

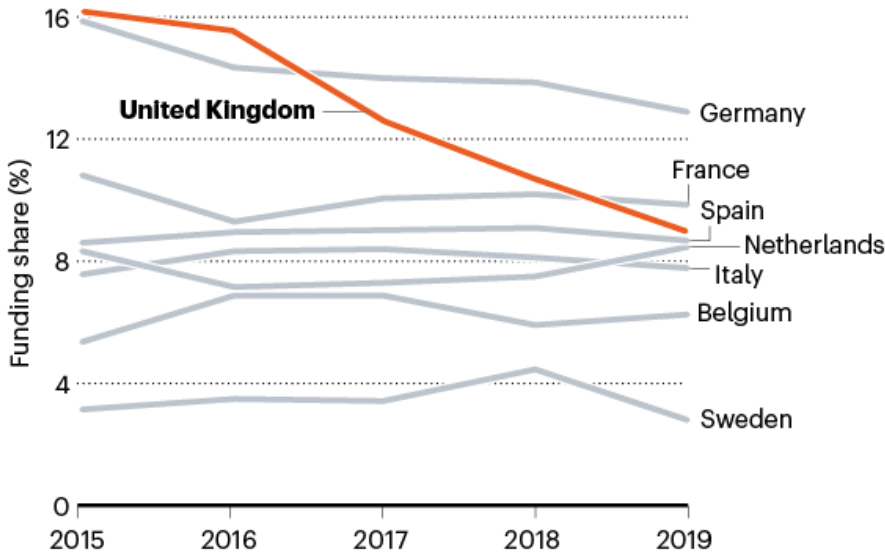


UK: key contributor and benefactor in EU's scientific programmes

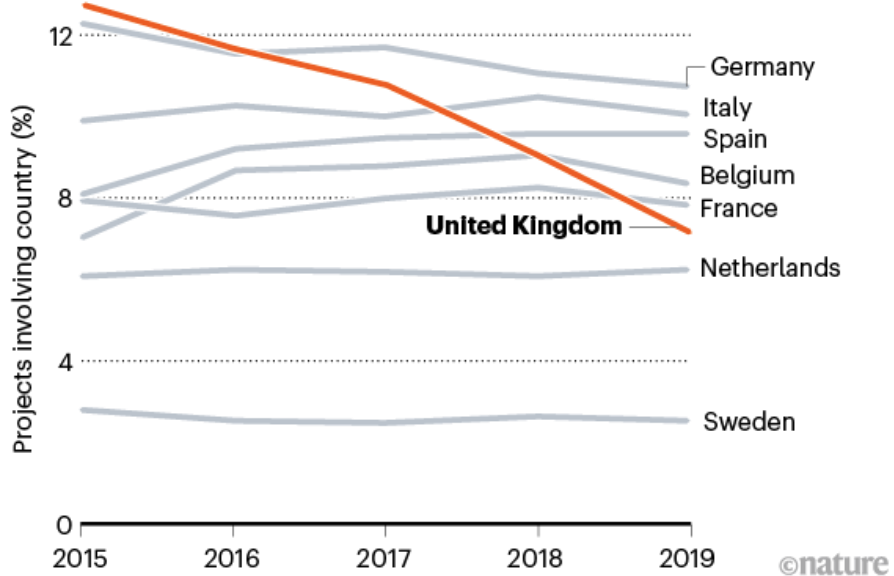


LOSING OUT

Britain's annual share of funding from the European Union's Horizon 2020 research programme has fallen since the vote to leave the EU in 2016.



The Royal Society 2015



©nature

Nature 2020

Horizon Europe

Research and innovation funding programme until 2027. How to get funding, programme structure, missions, European partnerships, news and events.

What is Horizon Europe?

Horizon Europe is the EU's largest research and innovation funding programme, worth [€95.5 billion](#).

It tackles climate change and digital technologies to boost EU's competitiveness and economic growth.

The programme facilitates research and innovation, supporting a wide range of activities from basic research to creating and better disseminating knowledge.

It creates jobs, fully engaged citizens and a more inclusive society.

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Working on EU-funded projects

The UK has left the EU. This page covers which EU funding programmes you can continue to take part in. It will be updated as more details become available.

Horizon Europe

Horizon Europe is an EU research and innovation programme. It has a budget of €95.5 billion and runs until 2027.

In January, the government announced that the UK will associate to Horizon Europe. This means UK scientists, researchers and businesses will be able to access funding under the programme on equivalent terms as organisations in EU countries.

We therefore strongly encourage researchers, businesses, and innovators in the UK and worldwide to continue to work together in establishing global consortia to bid for

Related content

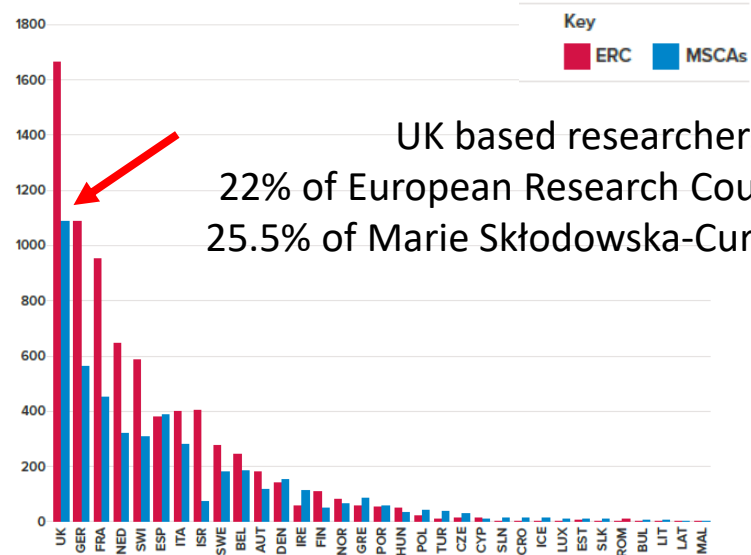
- ⇒ [Global Challenges Research Fund](#)
- ⇒ [Horizon Europe: help for UK applicants](#)
- ⇒ [UKRI Brussels](#)
- ⇒ [Search funding opportunities](#)
- ⇒ [Innovate UK blog: Alone we can do so little; together we can do so much](#)



49,000 students
 17,000 British outgoing
 32,000 coming to UK



Studentships



UK based researchers received
 22% of European Research Council funds
 25.5% of Marie Skłodowska-Curie Actions



UK Government

TURING

SCHEME

The UK's global programme to study and work abroad

ABOUT FUNDING OPPORTUNITIES PROJECT COMMUNITY LATEST CONTACT US

SEARCH

WELCOME TO THE TURING SCHEME

The programme guide is now available. View detailed information about the scheme, from eligibility to grant amounts.

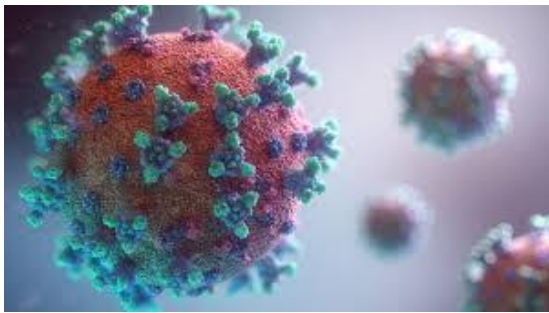
View the programme guide

The Turing Scheme is the UK government's scheme to provide funding for international opportunities in education and training across the world. It supports Global Britain by providing an opportunity for UK organisations from the higher education, further education, vocational education and training and schools sectors to

ABOUT THE SCHEME

Manage consent

Global
 £100 million
 40,032 participants



Covid-19 & alcohol:



WHO WE ARE | WHAT WE DO | GET INVOLVED | BLOG | NEWS | RESOURCES

NEWS MPs and peers call on Government to urgently address Britain's alcohol harm crisis

September 14, 2020



NEWS

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Coronavirus: Off-licences added to list of 'essential' retailers

25 March 2020 | Comments

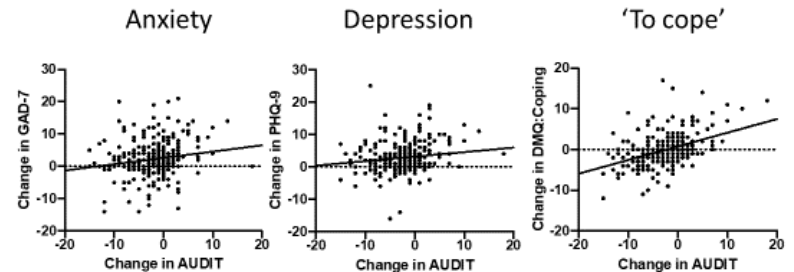
Coronavirus pandemic



GETTY IMAGES

Off-licences have been added to the government's list of essential UK

Increase in AUDIT scores is associated with increased depression, anxiety and drinking to cope during Covid restrictions.



Palmer et al BJPsych Open 2021

2021-2022

Saving and Improving Lives: The Future of UK Clinical Research Delivery

Published 23 March 2021


- The pandemic has showcased the clear link between research and better outcomes – for individuals and the NHS.
 - ***Clinical research is the single most important way in which we improve our healthcare*** – by identifying the best means to prevent, diagnose and treat conditions – to determine what doesn't work.
 - Clinical research is widespread, diverse and open to us all. Sometimes research needs to be conducted in specialist academic facilities, ***but very often it takes place right alongside delivery of routine care in the NHS and the wider health and care system.***
- **A sustainable and supported research delivery workforce**
- Eg Associate PI scheme for doctor, nurse or allied health professional

“The post-COVID era”: challenges in the treatment of substance use disorder (SUD) after the pandemic



BMC Medicine

(2020) 18:241

Hugo López-Pelayo^{1,2*} , Henri-Jean Aubin^{3,4,5}, Colin Drummond^{6,7}, Geert Dom^{8,9,10,11}, Francisco Pascual^{12,13,14,15}, Jürgen Rehm^{16,17,18,19}, Richard Saitz^{20,21,22}, Emanuele Scafato^{23,24} and Antoni Gual^{25,26}

- Renewed treatment systems should be based on these seven pillars:
 - (1) telemedicine and digital solutions,
 - (2) hospitalization at home,
 - (3) consultation-liaison psychiatric and addiction services,
 - (4) harm-reduction facilities,
 - (5) person-centered care,
 - (6) promote paid work to improve quality of life in people with substance use disorders,
 - (7) integrated addiction care

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Do *we* have the *clinical* academic workforce?



