UCL awarded £10m to develop new dementia treatments

Alzheimer’s Research UK today announced a £30m Drug Discovery Alliance, launching three flagship Drug Discovery Institutes at UCL, the University of Cambridge and the University of Oxford. The UCL Drug Discovery Institute will see 30 new research scientists employed to fast-track the development of new treatments for Alzheimer’s disease and other dementias.

Prof Alan Thompson, Dean of UCL Faculty of Brain Sciences, said: “The Drug Discovery Institute will complement other key initiatives at UCL that are essential to the delivery of new treatments for patients with Alzheimer’s disease, including the recently opened Leonard Wolfson Experimental Neurology Centre. It will form part of a wider commitment by UCL and NHS partners to bring together multi-disciplinary expertise in dementia research, care and education to rise to the Dementia Challenge.”

Read full article

UCL Neuroscience Symposium – Image wanted for Symposium Programme cover

We are looking for a striking image to use on the cover of the 2015 Symposium abstract book and final programme booklet. The image on the left, submitted by Kate Turner (Department of Cell and Developmental Biology), was used for this in 2014 and depicts the axonal tracts and neuropil of a zebrafish embryo.

If you have an image or photograph that you’d like to be considered for 2015, please send it to candice.lewis@ucl.ac.uk by Friday 27th March.

(Please note: Entrants retain copyright of the photographs that they submit. By entering an image all entrants grant UCL royalty-free non-exclusive licence to publish and exhibit their photographs in print, on their websites or in any other media. No fees
New eLearning course - ‘Principles of Laboratory Safety’

Fresh for 2015, UCL Safety Services has launched a new eLearning course entitled ‘Principles of Laboratory Safety’, now available on Moodle.

The course informs staff and students about good laboratory practices and safe behaviours which apply to all laboratory environments.

The course covers six key areas in short presentations, with a quiz at the end. The modules are:
1. Understanding your responsibilities
2. Understanding hazards
3. Risk assessments and procedures
4. Controlling risks
5. Managing waste safely
6. Knowing how to respond in an emergency

The course has been approved by UCL’s Health & Safety Committee and is a mandatory training requirement for all new post-graduate research students starting work in laboratories. It’s also recommended for new laboratory staff. The course can be accessed on Moodle here: https://moodle.ucl.ac.uk/course/view.php?id=26875

If you have any questions or feedback relating to the training, please email us on safety@ucl.ac.uk
Neuroscience Careers Network

Neuroscience Careers Network Forum: Grant Writing Workshop

Friday 24 April 2015, 1pm-4pm

The aim of the half-day session is to help Investigators improve their applications for funding, whether they are project grants or fellowships. It will be led by two senior UCL researchers, Prof. John Wood and Prof. David McAlpine, who have extensive experience of applying for funding and of sitting on the committees that decide which science gets funded. This is a rare opportunity to improve your ‘grantsmanship’ skills, gain insight into how funding committees work and to receive constructive feedback on your applications.

To participate in this workshop, each participant must provide an abstract, lay summary and full scientific proposal (it may be a preliminary application) for either a grant or fellowship application by April 7th 2015. Costings are NOT required.

Contact: Jenny Bizley or Lorenzo Fabrizi

Special Seminars and Events

PPI Training

February and March 2015
Various locations

A series of patient and public involvement (PPI) workshops for clinical researchers is back by popular demand.

The workshops, which are open to researchers working in UCLPartners partnership organisations, are practical and the aim is to build up researchers’ skills effectively involving lay people in the research process from setting research priorities to designing protocols.

Workshops will run during February and March 2015 and are graded ‘beginners’ and ‘experienced’.

Topics include introduction to PPI, filling in grant forms and the role of the lay person on steering groups and committees. Locations are across central London including UCL, the Royal London, Queen Mary University London and Moorfields.

Click here for the full programme and timetable, and details of how to book a place.
**MedSoc Mondays: MEDFEST**

Monday 23 February, 6.30pm
Harrie Massey LT
Host: MedSoc

Come one and all (medic or film buff) on **Monday 23rd Feb** to the Psychiatry section’s favourite event of the year: MedFest— an international film festival dedicated to exploring the portrayal of medicine on film!

At MedFest this year we’ll be joined by the Global Health section, taking a fascinating look at the world of Global Mental Health including films on topics from suicide in Japan to the use of restraint in Indonesia. The intriguing films will be paired with discussion from our distinguished panel. With a FREE wine and pizza reception afterwards this really is an event not to be missed!!

Join us from **6.30pm in the Harrie Massey LT** – see you there!

Find out more by emailing psych@medicalsociety.org.uk

---

**Public Health & Longevity present the $20m 'Conquer Paralysis Now' Challenge**

Thursday 26 February 2015
Henriette Raphael Building, Guy's Campus, King's College London, SE1 1UL

Public Health & Longevity in partnership with Conquer Paralysis Now (CPN), King’s College London Business Club and InnoCentive, invites you to take part in a discussion about the exciting and revolutionary $20m CPN Challenge on Thursday 26th February.

The CPN Challenge is a **$20 million Program of grants and prizes** that aims to transform the lives of those living with spinal cord injury (SCI). Within the next 10 years it aims to help SCI patients carry out basic tasks that most of us take granted like going to the bathroom, picking up and drinking a glass of water or simply walking.

The first stage of the Challenge was recently launched, in which **12 grants of at least $50,000 are available in 6 different categories**. These grants are available to any researchers anywhere in the world and all teams have to do is submit proposals online through the crowdsourcing platform, InnoCentive at [www.innocentive.com/CPNChallengeEntry](http://www.innocentive.com/CPNChallengeEntry)

Find out more
Introduction to research workshop for lay people

Friday 27 February, 10.30am – 1.30pm
Boardroom, 1st Floor, Suite A, Maple House, 149 Tottenham Court Road, London W1T 7DN
Host: Joint Research Office

The JRO is running an introduction to research workshop for lay people who are going to be actively involved in research (PPI).

Researchers actively involving patients or the public in their research (not as trial participants but in the design and conduct of research) can invite their lay colleagues to attend this course. Objectives of the course will be to give lay people an idea of the complexities of the research process, research jargon and the timeline of research processes.

It's important to stress that this workshop is only for lay people who have already been enlisted to be actively involved in research and it is not for people who are going to be trial participants/volunteers.

Please circulate this email to your lay colleagues, places must be booked ahead of time. To book a place they can contact Madeleine Stewart madeleine.stewart@ucl.ac.uk

Find out more

UCL Neuroscience Society and UCLU Medical Society jointly present: TO WALK AGAIN

Friday 27 February, 6.30pm
Cruciform Lecture Theatre 1
Host: UCL Neuroscience Society and UCLU Medical Society

UCL Neuroscience Society and UCLU Medical Society jointly present: TO WALK AGAIN - a documentary screening and discussion with Prof. Geoffrey Raisman FRS on curing spinal cord injuries.

Prof. Raisman, Chair of Neural Regeneration at the UCL Institute of Neurology, leads the research team at UCL that pioneer the use of olfactory ensheathing cells (OECs) transplantation for neural tissue regeneration, which has allowed the first paralysed man to walk again!

We will firstly hear from Raquel Siganporia, Vice-chair of the Spinal Injuries Association, who will provide an account of the impact on the individuals they affect. Prof. Raisman will then introduce his remarkable research and discovery on OECs. We will then screen the BBC Panorama documentary - To Walk Again, featuring the journey of the treatment. At the end, there will be a Q&A session for any of you who wish to learn more about this medical breakthrough of our century.

Find out more by emailing uclneurosciencesociety@gmail.com
Harnessing Electronic Health Records for Research

2 – 20 March, 2015
Farr Institute of Health Informatics Research, 222 Euston Road, London, NW1 2DA

An intensive programme of 13 short courses in March 2015

We are pleased to launch a unique programme of 13 inter-related short courses in the rapidly developing field of electronic health records research, spanning a wide range of basic and applied health research applications.

These courses address the ‘why?’, the ‘what?’ and the ‘how?’ of EHR research and critically evaluate scientific opportunities and challenges, in what is being proposed as a new paradigm in medical research.

Taught by internationally recognised faculty, they span data-intensive biomedical research across diverse forms of EHR (nationally available data from primary and secondary care), regional data in hospital informatics, as well as genomics as applied to EHR research.

The courses are intended for people with from a wide range of backgrounds - including health care, epidemiology, biostatistics, health informatics, NHS IT, bioinformatics, genomics and computer science - and at different career stages, from those thinking of doing an MSc or PhD to established researchers.

Find out more

UK Neuromuscular Translational Research Conference 2015

Thursday 19 - Friday 20 March 2015
Newcastle upon Tyne

Hosted jointly by the MRC Centre for Neuromuscular Diseases and the Muscular Dystrophy Campaign, this is the 8th Annual UK Neuromuscular Translational Research Conference. Designed to engage neuromuscular clinicians and scientists, this conference showcases the best and latest developments in neuromuscular science, and highlights their translation into patient benefit.

Key Disease Themes for 2015:
• Mitochondrial Disease
• Genomic Data
• New Targets in Neuromuscular Disease
• MRI in Neuromuscular Diseases

Guest Speakers to include:
Prof. Massimo Zeviani, Prof. Stephan Zuchner, Prof. Alan Beggs, Prof. Rob Taylor, Prof. Hanns Lochmuller, Prof. Carsten Bonnemann, Prof. Lawrence Wrabetz, Prof. Rita Horvath, Dr. Cristina Csimma, Dr Giorgio Tasca, Prof. Bruce Damon, Prof. Michio Hirano

Abstracts are invited for posters and platform presentations on the themes listed in the attached document, or on any other aspect of neuromuscular disease research. Abstracts deadline 5pm on 16th Jan 2015. Abstract submission instructions and categories

Registration is now open. Fee £250 includes Gala Dinner.
The International Association for the Study of Affective Touch: Inaugural Congress

Friday 20 - Sunday 22 March 2015 (Friday 1pm to Sunday 2pm)
UCL, 33 Queen Square, London WC1

Several influential studies have recently drawn attention to an affective dimension of touch, its social and cognitive role, as well as its neurophysiological and genetic basis. The main aim of this congress is to provide a platform for fruitful scientific exchanges in this nascent field. The congress will bring together for the first time researchers from around the world exploring the nature and role of affective touch in the human brain and mind.

We particularly hope the congress will foster interdisciplinary dialogue between the different fields interested in affective touch such as psychology, physiology, genetics, neurobiology and affective neuroscience. During the meeting, we also aim to hold the first, founding meeting of the International Association for the Study of Affective Touch, in which the mission and governance of the Society can be decided.

Speakers include: Emmanuel Bourinet (France), Carissa Cascio (USA), Chris Dijkerman (Netherlands), Robin Dunbar (UK), Katerina Fotopoulou (UK), Donna Lloyd (UK), Sarah Lloyd-Fox (UK), Francis McGlone (UK), Michael Meaney (Canada), India Morrison (Sweden), Håkan Olausson (Sweden), Martin Paulus (USA), Charles Spence (UK), Sophia Vrontou (USA)

Special Guest: Camila Batmanghelidjh (Kids Company, UK)

Organising Committee: Katerina Fotopoulou, Francis McGlone, India Morrison, Håkan Olausson

Call For Papers
You are invited to submit abstracts for empirical research presentations and posters. The conference aims to focus on studies on affective touch, but presentations on closely related topics, such as for example pain, are also welcome. All Abstracts should contain the following information:

1. Title
2. Names of all authors, with institutional affiliations and credentials (e.g., M.A., Ph.D., M.D.)
3. Introduction, Methods [clear information on methods and sample size is required], Results, and Conclusions (500 words maximum, not including title and author information)
4. Oral or poster presentation preference (we cannot guarantee all but will do our best)
5. Short Bio: max 150 words

Abstracts are due by 21 December 2014. Please submit your abstracts by clicking here; you will receive a receipt and a reference number, and notification of acceptance status and presentation type (oral vs poster) will be made by end of January. If you do not receive an acknowledgement of receipt, please follow up by email.

Find out more
The 15th Annual Course: Neuroradiology & Functional Neuroanatomy

23 - 26 March 2015
Clinical Neurosciences Building, 33 Queen Square, London WC1N 3BG

The Course:
This famous and popular ‘Neuroradiology & Functional Neuroanatomy’ course will be in its 15th year running in 2015.

This four day course, organised by Prof Tarek Yousry (UCL Institute of Neurology & National Hospital for Neurology & Neurosurgery), Prof Christopher Yeo (University College of London) and Prof Thomas Naidich (Mount Sinai New York) , will consist of Lectures, Anatomy workshop and PACS Workshop.

Anatomical localisation of function is a fundamental principle in the neurosciences. This course will correlate gross anatomy with neuroimaging and functional MRI to illustrate normal neurological function, the alterations that attend disease, and the bases for the clinical features seen in patients.

Find out more

Neurology 2015: leading edge neurology for the practising clinician

25-27 March 2015

It is a pleasure to announce this 2nd Annual course, a highlight of the British Neurology calendar. The course is for consultants and senior trainees in neurology and other neuroscience specialities, and aims to provide a comprehensive update on the practical hospital management of neurological diseases. The half day event on Wednesday 25th March 2015 is open to Clinical Trainees and Research Fellows in Neurology and associated specialities. It is a precursor to the full course, taking place on Thursday 26th and Friday 27th March 2015.

The emphasis of the course is on modern techniques and therapies in a clinical setting, and the clinical practice of neurology. The course is taught via lectures, video sessions, CPC and a 'Town Hall' session, and intends to be didactic but also entertaining and informative

Find out more

Consensus and Controversy in Goal Setting 2015

Tuesday 28 April 2015, 9am – 5.30pm
Lecture Theatre, 33 Queen Square, London WC1N 3BG

A symposium presented by the UCLP Centre for Neurorehabilitation in partnership with Kingston University and St George’s University of London

A full day event followed by refreshments and networking. This conference offers a unique opportunity to hear presentations from experts working in neurorehabilitation, which outline key questions and the current direction in goal-setting. Speakers will each present their own critical appraisal of goal setting and its utility in different areas of neurorehabilitation. Key speakers
Implications of Research on the Neuroscience of Affect, Attachment and Social Cognition

Saturday 25 - Sunday 26 April 2015
The Cruciform Building, Gower Street, UCL

For the third time, leading neuroscientists from Europe and the USA will once again host this unique forum exploring the latest neuroscience research with reference to treatments of mental disorders including autism, depression, personality disorders and attachment disorders. Implications on clinical and developmental perspectives of these psychopathologies will be discussed.

Hosted by UCL Research Department of Clinical, Educational and Health Psychology in association with the Anna Freud Centre.


Topics will include:
“Epistemic trust, resilience and reconsidering the role of mentalization in psychotherapy”
“The Bayesian Infant and Emerging Interpersonal Generative Models in Personality Disorders”
“How Stress Influences Parental Brain and Behavioral Sensitivity toward Infants”
“Imitation in autism spectrum condition”
“Second-person neuroscience: New perspectives in social neuroscience and implications for the study of the neural mechanisms of psychiatric disorders”

Call for Poster Presentations
There will be an opportunity to present posters designed to explore the conference topic or connected issues. Please email abstract submissions by 1 February 2015.

Standard Rate £200 / Student Rate £50

Contact: Events

Find out more
Computational Psychiatry Course 2015

29 – 30 April 2015
33 Queen Square, London WC1N 3BG

We are glad to announce the opening of the 2nd Computational Psychiatry Course, organised by the Wellcome Trust Centre for Neuroimaging, UCL, and taking place over two days in April. This course aims to bring together experts in neuroscience, psychiatry, decision sciences and computational modelling to define problems quantitatively in psychiatric disorder, and to train the next generation of scientists and clinicians that wish to apply these models to modern diagnosis and treatment strategies.

Building on the content taught in the 2014 Computational Psychiatry Course, this year we will cover model-based approaches at multiple scales, from computational modelling of behaviour and cognition, to model-based neuroimaging and computational genetics. We will also discuss recent empirical findings from clinical disorders including psychosis, depression, anxiety, personality disorders, addiction, autism, OCD and ADHD, and ageing. A mathematical (or psychiatric) background is not a prerequisite to attend.

Registration is now open!

Cost: free for UCL students and faculty, £25 for non-UCL attendees
Registration deadline: Noon, April 18, 2015

Contact: Rick Adams or Xiaosi gu

Find out more

Update in neuromuscular disorders 2015

5-8 May 2015
Clinical Neuroscience Lecture Theatre, National Hospital for Neurology and Neurosurgery, 33 Queen Square (lower ground), London WC1N 3BG

The MRC Centre for Neuromuscular Diseases and the Institute of Child Health are pleased to invite you to this annual paediatric and adult course, which is now in its eighth year for specialists with an interest in neuromuscular disease.

This clinical course concentrates on childhood and adult neuromuscular disorders with an emphasis on clinical cases, natural history and management. This 4 day course is designed for specialists with an interest in neuromuscular disease; the first two days concentrating on paediatric neuromuscular disorders and the latter two days on adult neuromuscular disorder.

Find out more

‘The Brain and Mental Health’ Art Exhibition

UCL Neuroscience Society are proud to launch ‘The Brain and Mental Health’ Art Exhibition, for which all funds raised will go in aid of the mental health charity SANE. We simply ask that you interpret this theme and let your imagination run wild! Registration is now open to ALL (closes March 13th) for only £3, which gains you automatic membership to UCL NeuroSoc! The hand-in deadline is April 15th.

Click Here to register now!

There is £350 up for grabs and the ultimate winner will be able to use their work to customise a limited edition of SANE’s black dog statues. Moreover, all entries will be auctioned and the artist can claim up to 50% of the sale!!!

Please check our website and event to learn more about this exhibition!

Public Engagement

Call for volunteers – Are you and your baby interested in taking part in our exciting study?

The Optimum VI Project are looking for healthy infants with typical sight aged 9 to 16 months and 23 to 28 months as part of a study investigating the effect of visual impairment and intervention on development. In order to understand the effect that no or low vision has on development, the researcher also needs to examine the development of children without vision loss (typically developing children).

The studies will involve playing with toys and involves your baby listening to sounds while having his/her brain activity and heart rate monitored. These are non-invasive procedures.

The study takes approximately three hours to complete. It will take place at Great Ormond Street Hospital/UCL Institute of Child Health. You will be reimbursed for travel expenses. After the initial visit, researchers may contact you again a year later, to ask if you would be willing to participate in similar assessments at a later age.

Contact: Dr Michelle O'Reilly / 020 7599 4121

Find out more
Brain’s GPS system influenced by shape of environment

Patterns created by the brain’s grid cells, which are believed to guide navigation, are modified by the shape of the environment, according to UCL researchers. This means grid patterns aren’t a universal metric for the brain’s GPS system to measure distance, as previously thought.

Grid cells in the brain appear to form an internal map of the local environment by signalling periodically to create a ‘grid-pattern’ that helps animals to navigate, even in the dark. Until now, it was believed that all grid patterns were hexagonal, providing the brain with uniformly spaced regions across which distances could be measured. The new research dispels this theory as it shows grid patterns distort to align with the local environment’s geometry, changing the distances between grid-regions.

Read full article

The science behind teenage laziness

In this fascinating article in The Telegraph, Professor Sarah-Jayne Blakemore (UCL Institute of Cognitive Neuroscience) explains how teenage behaviour can be attributed to the difference between adolescent brains and those of adults...

Read full article

Back to the top
Current Funding Opportunities

L’Oréal-UNESCO UK and Ireland Fellowships For Women In Science

**Deadline:** 13 March 2015

The L’Oréal-UNESCO UK and Ireland Fellowships For Women In Science are open for applications (deadline 13 March 2015). These one year Fellowships are for female researchers with <10 years postdoctoral experience working in life or physical sciences, computer science, engineering or mathematics. **(Note:** Psychology, science education and social sciences are not eligible for this Fellowship). Applicants should not hold, or have previously held, a permanent academic post. Each Award is for a maximum of £15,000 for facilitating research (and cannot be used as a contribution to salary).

Find out more

MS Society’s 2015 Grant Round Now Open

**Deadline:** 12 noon, Monday 23 March 2015

The MS Society is the largest dedicated charitable funder of MS research in the UK and we welcome any applications that are relevant to MS in our open Grant Round. The deadline for submissions is 12 noon, Monday 23 March 2015. Our research programme is organised into 2 streams: biomedical research and care and services research. You can find out more information on the MS Society website.

Find out more

NIHR Rare Diseases Translational Research Collaboration funding

**Deadline:** the NIHR RD-TRC is now inviting Expressions of Interest (EoIs), which can be submitted at any time until further notice.

The NIHR Rare Diseases Translational Research Collaboration is inviting applications to establish industry–collaborative early translational (experimental medicine) research projects in rare diseases. These projects will create and support collaborative research between investigators working within NIHR-funded research infrastructure and industry partners. Specifically, the invitation aims to fund projects that generate in-depth phenotypic information to develop new treatments and speed up diagnosis.

NIHR RD-TRC funding is available to academic investigators specifically to support in-depth phenotyping. Where a proposal involves other research methodology (for example, a clinical trial or acquisition of genomic data) only the phenotyping aspects of a study are eligible for funding by the NIHR RD-TRC. Other research costs must be met by the industry partner or another appropriate funding source. Lead applicants must be based within an NIHR Biomedical Research Centre, Biomedical Research Unit or Clinical Research Facility. Applications require a named industry collaborator and need to state the contribution of the industry partner to the project.

Maximum RD-TRC funding for in-depth phenotyping of £200,000 is available
over two years. Projects must be completed by 31 March 2017. The RD-TRC will support in-depth phenotyping research in the following therapeutic themes:

- Cancer
- Cardiovascular
- Dementia and Neuro-degenerative Diseases
- Eye Disease
- Gastrointestinal
- Immunological Disorders
- Endocrine & Metabolic Diseases
- Musculoskeletal Disorders
- Neuromuscular Disorders
- Non-Malignant Haematology
- Paediatric (Cross-Cutting)
- Renal Disease
- Respiratory Disease
- Skin

The RD-TRC will apply an accelerated review process, and applicants will be notified within two weeks from submission of the outcome of their EoI. Successful EoIs will be invited to submit a full research proposal providing a detailed breakdown of the study costs, the industry contribution including resources to be provided ‘in kind’, and any other sources of funding support for the collaborative research project. Full applications are expected to be submitted within four months of an invitation for a full application being issued, and will be reviewed within one month.

EoIs from investigators should be provided using the Expression of Interest form provided via the NIHR RD-TRC website. Industry researchers seeking academic collaborators for in-depth phenotyping of specific rare diseases are encouraged to contact NOCRI who will assist with building academic partnerships.

Find out more

**Young investigator grants – Human Frontier Science Programme, FR**

**Deadline: 31 March 2015**

The Human Frontier Science Programme invites applications for its young investigator grants. These support innovative approaches to understanding complex mechanisms of living organisms. Applicants are expected to develop novel lines of research distinct from their ongoing research.

Eligible are teams of scientists who are all within five years of establishing an independent laboratory and within 10 years of obtaining their PhDs. The principal applicant must be located in one of the HFSP member countries. The grants provide support for two to four member teams, with not more than one member from any one country, unless critical for the innovative nature of the project. Awards are dependent upon team size and successful teams will receive up to US$450,000 per year over three years.

Find out more
Programme Grants – Human Frontier Science Programme, FR

Deadline: 31 March 2015

The Human Frontier Science Programme invites applications for its programme grants. These support innovative approaches to understanding complex mechanisms of living organisms. Applicants are expected to develop novel lines of research distinct from their ongoing research.

Applications are open to independent scientists at all stages of their career. The principal applicant must be located in one of the HFSP member countries. The grants provide support for two to four member teams, with not more than one member from any one country, unless critical for the innovative nature of the project. Awards are dependent upon team size and successful teams will receive up to US$450,000 per year over three years.

Find out more

MQ Fellows Programme

Deadline: 16 April 2015

MQ has announced the opening of the 2015 call for MQ Fellows applications. The Award, which is in its third year, provides £225,000 over 3 years to support early-career scientists exploring new ways to understand, treat or prevent mental illness.

MQ is seeking the best and brightest researchers, who are establishing their independence. The Programme is open to Applicants from all scientific disciplines and around the world.

Commenting, MQ CEO, Cynthia Joyce, said: “The Fellows Award is the cornerstone of MQ's work to build a strong research community. Our Fellows are the future leaders in mental health research, carrying out wide-ranging research critical to providing hope for better diagnosis, treatment, and prevention in mental health. We look forward to welcoming applications for our next round of MQ Fellows’

Last October, the Second annual MQ Fellows Award provided over £900,000 to support four cutting-edge inter-disciplinary projects, ranging from stem-cells to psychotherapy. You can find out more about all of the Fellows projects here. The Fellows’ projects were also showcased at MQ’s recent Annual Science Meeting - you can read the discussions on Twitter using the hashtag #MQresearch15.

To find out more about this opportunity and how to apply, visit our Research pages or contact grants@joinmq.org

Wellcome Trust - Research career development fellowships in basic biomedical science

Deadline: 17 April 2015

This scheme provides an opportunity for postdoctoral scientists from across the remits of the Trust's funding streams to become independent research scientists and undertake high-quality research in an eligible Republic of Ireland institution.
The awards will be made in partnership with the Science Foundation Ireland (SFI) and the Health Research Board (HRB).

Find out more

MEchanisms of cellular death in NeuroDegeneration (MEND)

Deadline: 8 May 2015

The Alzheimer's Association, Alzheimer's Research UK and The Weston Brain Institute have jointly launched the MEND funding Initiative - MEchanisms of cellular death in NeuroDegeneration. MEND is looking to fund either a consortium of investigative teams or individual team-based projects ranging between USD$100,000-$1,250,000. Applications are encouraged from academic research laboratories or consortia of academic laboratories around the world. In addition, small biotech/small-medium enterprise organizations are eligible provided they are in collaboration with academic laboratories with the academic laboratory as the lead applicant.

The application submission process will follow a two stage procedure. First, applicants will submit a pre-proposal or letter of intent (LOI). Submitted LOIs will be reviewed by the sponsor organizations and a select number of the LOIs fitting the funding priorities will be invited to submit full applications.

Letters of intent must be received by 5 p.m. EST, May 8, 2015.

Find out more

UCL Neuroscience Events and Seminars

23 February, 2015 - Institute of Cognitive Neuroscience Seminar: Working memory, attention and conscious awareness
Time: 16:00 - 17:00
Speaker information: David Soto, Dept of Medicine, Imperial College London. Host: Neil Burgess
Location: Lower Ground Floor Lecture Theatre, Clinical Neuroscience building, 33 Queen Square, London,
Contact: Rosalyn Lawrence
Email: rosalyn.lawrence@ucl.ac.uk
Phone: 020 7679 1164

24 February, 2015 - Developing a Connected Curriculum in School of Life and Medical Sciences (SLMS): From Research-Led Teaching to Research-Based Education
Time: 11:00 - 13:00
SLMS Workshop, with Prof Mick Healey. To book a place please email Fiona Wilkie (max. 30 places)
Location: CALT Arena Room, 1-19 Torrington Place, , , WC1E 7HB
Contact: Fiona Wilkie
Email: f.wilkie@ucl.ac.uk
Phone: Please email

25 February, 2015 - Division of Psychiatry seminar: Adolescence as a sensitive period for social brain development
Time: 15:00 - 16:00
Organised by UCL Division of Psychiatry
Location: Bedford Way G03, , , 26 Bedford Way, London, WC1H 0DS
Contact: Berni Courtney
Email: b.courtney@ucl.ac.uk
Phone: 020 7679 9467
25 February, 2015 - **MRC Prion Unit Events and Seminars: Probing the Structure and Dynamics of Proteins and Protein Complexes Using Ion Mobility Mass Spectrometry**
Time: 13:00 -
MRC Prion Unit Events and Seminars, hosted by the MRC Prion Unit, UCL and the Institute of Neurology. Speaker information: Dr. Konstantinos Thalassinos, Institute of Structural and Molecular Biology, Division of Biosciences, UCL. Hosted by: Professor John Collinge
Location: 2nd floor Seminar Room, Institute of Neurology, Queen Square House, Queen Square, WC1N 3BG
Contact: Rosie Baverstock-West
Email: r.baverstock-west@prion.ucl.ac.uk
Phone: Please email

25 February, 2015 - **Space and motion: the neurobiology of goal-oriented actions**
Time: 13:00 - 14:00
UCL Neuroscience, Physiology & Pharmacology Seminar Series 2015. Speaker information: Dr. Marco Tripodi, MRC Laboratory of Molecular Biology, Cambridge Biomedical Campus. Host: Marco Beato (m.beato@ucl.ac.uk)
Location: H.O.Schild Lecture Theatre, G46 Medical Sciences Building, Medical Sciences and Anatomy Building, Gower Street, London, WC1E 6BT
Contact: Dr. Stefan Trapp
Email: s.trapp@ucl.ac.uk
Phone: Please email

26 February, 2015 - **ALS Seminar Series: Stimulation of fiber growth and formation of new circuits in the damaged CNS by Nogo-A neutralization**
Time: 16:00 - 17:00
Speaker information: Martin Schwab, University of Zurich. Host: Giampietro Schiavo. Series run by the Greensmith and Fisher Laboratories
Location: Lecture Theatre, G, 33 Queen Square, London
Contact: Debbie Hadley
Email: d.hadley@ucl.ac.uk
Phone: Please email

26 February, 2015 - **Vision@UCL Seminar Series: How the visual brain construct objects from features**
Time: 17:00 -
Speaker information: Pieter Roelfsema, Netherlands Inst for Neuroscience
Location: Roberts 508, Roberts Building, Malet Place, London, WC1E 7JE
Contact: Lewis Griffin
Email: L.Griffin@cs.ucl.ac.uk
Phone: Please email

27 February, 2015 - **Brain Meeting Seminar Series: A whole brain model of resting functional connectivity fluctuations**
Time: 16:15 -
Speaker information: Gustavo Deco, Universitat Pompeu Fabra, Spain.
Location: 4th Floor Seminar Room, Welcome Trust Centre for Neuroimaging, 12 Queen Square, London,
Contact: Ana Sanjuán
Email: ana.sanjuan@ucl.ac.uk
Phone: Please email

27 February, 2015 - **UCL School of Pharmacy seminar programme: The logic of a sensory neural circuit**
Time: 12:30 - 13:30
Speaker information: Prof Troy Margrie - UCL Neuroscience, Physiology & Pharmacology. Host: UCL School of Pharmacy.
Location: Room 228, UCL School of Pharmacy, 29-39 Brunswick Square, London, WC1N 1AX
Contact: Audrey Mercer
Email: a.mercer@ucl.ac.uk
Phone: Please email

2 March, 2015 - **Farr Short Courses: Answering Clinical Research Questions with Health Records**
Time: -
Confirmed Speakers: Professor Andrew Hayward, UCL. Location: The Farr Institute London, 222 Euston Road, London, NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
2 March, 2015 - **Institute of Cognitive Neuroscience Seminar: Mapping Memories**
Time: 16:00 - 17:00
Speaker information: Christian Doller, Donders Institute for Brain, Cognition & Behaviour, Nijmegen. Host: Neil Burgess
Location: Wolfson Lecture Theatre, National Hospital for Neurology & Neurosurgery, Queen Square, London,
Contact: Rosalyn Lawrence
Email: rosalyn.lawrence@ucl.ac.uk
Phone: 020 7679 1164

2 March, 2015 - **MRC Centre for Neuromuscular Diseases Seminar Series: Imaging in polyneuropathies: The sonographic neural map**
Time: 17:30 -
Speaker information: Professor Elena Gallardo
Location: Basement Lecture Theatre, 33 Queen Square, London, WC1N 3BG
Contact: Christine Oldfield
Email: christine.oldfield@ucl.ac.uk
Phone: Please email

3 March, 2015 - **Cell type specific markers expression patterns in the human aging brain: from precursors to mature**
Time: 16:00 -
Speaker: Lilach Soraq, Department of Molecular Neuroscience, Institute of Neurology, UCL. Host: Institute of Neurology Postdoc Seminar Committee.
Location: Basement Lecture Theatre, 33 Queen Square, London, WC1N 3BG
Contact: Institute of Neurology Postdoc Seminar Committee
Email: ionpostdocsrequest@gmail.com
Phone: Please email

4 March, 2015 - **Farr Short Courses: Using Primary Care EHRs for Research**
Time: -
Confirmed Speakers: Professor Andrew Hayward, UCL.
Location: The Farr Institute London, 222 Euston Road, London, NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

4 March, 2015 - **Institute of Movement Neuroscience (IMN) Series - Development of an adaptive neural interface to restore natural movement during paralysis**
Time: 12:15 -
Speaker information: Professor Lee Miller (Department of Physiology, Northwestern University, USA). Host: Institute of Movement Neuroscience, Joern Diedrichsen.
Location: ICN Basement Seminar Room (B10), 17 Queens Square, London, WC1N 3BG
Contact: Dr Alexander Kraskov
Email: a.kraskov@ucl.ac.uk
Phone: Please email

5 March, 2015 - **Farr Short Courses: Hospital Episode Statistics**
Time: -
Location: The Farr Institute London, 222 Euston Road, London, NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

6 March, 2015 - **Ear Institute Seminar Series: Prior information effects on sensing elapsed time to target**
Time: 13:00 - 14:00
Location: Seminar Room, UCL Ear Institute, 332 Grays Inn Road, London, WC1X 8EE
Contact: Dr Roland Schaette
Email: r.schaette@ucl.ac.uk
Phone: Please email
6 March, 2015 - Farr Short Courses: Phenotyping Linked Primary and Secondary Care EHR Data
Time: -
Location: The Farr Institute London, 222 Euston Road, London, NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

9 March, 2015 - A scientific portrait of old age
Time: 15:30 - 17:00
Location: Henry Wellcome Auditorium, Wellcome Collection, 183 Euston Road, London, NW1 2BE
Contact: Aarathi Prasad
Email: a.prasad@ucl.ac.uk
Phone: +44 (0)75071 95665

9 March, 2015 - Farr Short Courses - National Registries: from Audit to Research
Time: -
Confirmed Speakers: Professor Harry Hemingway, UCL.
Location: The Farr Institute London, 222 Euston Road, London, NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

9 March, 2015 - Institute of Cognitive Neuroscience Seminar: Competition and cooperation in social interactions
Time: 16:00 - 17:00
Speaker information: Erin Heerey, School of Psychology, Bangor University. Host: Antonia Hamilton
Location: Basement seminar room (B10), Institute of Cognitive Neuroscience, 17 Queen Square, London,
Contact: Rosalyn Lawrence
Email: rosalyn.lawrence@ucl.ac.uk
Phone: 020 7679 1164

9 March, 2015 - Institute of Movement Neuroscience (IMN) Series - Enhancing neuroplasticity induction in human cortex – from observing actions to sleep rhythms
Time: 12:30 -
Speaker information: Dr Martin Sale (Queensland Brain Institute, University of Queensland, Australia). Host: Institute of Movement Neuroscience, John Rothwell.
Location: FIL, 4th Floor Seminar Room, 12 Queens Square, London, WC1N 3BG
Contact: Dr Alexander Kraskov
Email: a.kraskov@ucl.ac.uk
Phone: Please email

Time: 12:00 - 13:00
Location: 2nd Floor Seminar Room, UCL Institute of Neurology, Queen Square House Queen Square, London,
Contact: Debbie Hadley
Email: d.hadley@ucl.ac.uk
Phone: Please email

10 March, 2015 - Farr Short Courses: Hospital Patient Records for Audit and Research
Time: -
Location: The Farr Institute London, 222 Euston Road, London, NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

11 March, 2015 - Centre for Developmental Cognitive Neuroscience speaker programme: Title TBC
Time: 16:30 - 17:30
Speaker information: Dr Jenny Crinion
Location: Leolin Price Lecture theatre (Lower Ground Floor), Institute of Child Health, 30 Guildford Street, London, WC1N 1EH
Contact: Rebecca Sage
11 March, 2015 - Division of Psychiatry seminar: Social inequalities in mental health and mortality among refugees and other immigrants to Sweden - Epidemiological studies of register data
Time: 15:00 - 16:00
Organised by UCL Division of Psychiatry
Location: Medawar G01 Lankester LT, Medawar, Malet Place, London,
Contact: Berni Courtney
Email: b.courtney@ucl.ac.uk
Phone: 020 7679 9467

11 March, 2015 - Farr Short Courses: Genomics and E-health Research
Time: -
Location: The Farr Institute London, 222 Euston Road, London, NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

12 March, 2015 - Enhancing physical activity in people with MS: An overview of current evidence
Time: 17:15 -
Part of the CNR@UCLP Seminar Series 2015. Speaker information: Jenny Freeman. Open to all, free of charge and there is no need to register.
Location: Gilliat Lecture Theatre, Queen Square House, Queen Square, London, WC1N 3BG
Contact: UCLPartners Centre for Neurorehabilitation
Email: cnr@ucl.ac.uk
Phone: Please email

12 March, 2015 - Farr Short Courses: Visualising Health Informatics Research
Time: -
Location: The Farr Institute London, 222 Euston Road, London, NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

13 March, 2015 - Farr Short Courses: SQL for Biomedical Researchers
Time: -
Location: The Farr Institute London, 222 Euston Road, London, NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

16 March, 2015 - Farr Short Courses: Public Trust and Public Engagement
Time: -
Part of 'Harnessing Electronic Health Records for Research', a unique programme of 13 inter-related short courses in the rapidly developing field of electronic health records research.
Location: The Farr Institute London, 222 Euston Road, London, NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

16 March, 2015 - Institute of Cognitive Neuroscience Seminar: Evaluating social threat without awareness
Time: 16:00 - 17:00
Speaker information: Spas Getov, Awareness Research Group, Wellcome Trust Centre for Neuroimaging, UCL. Host: Bahador Bahrami
Location: Leolin Price Lecture Theatre, UCL Institute of Child Health, 30 Guilford Street, London, WC1N 1EH
Contact: Rosalyn Lawrence
Email: rosalyn.lawrence@ucl.ac.uk
Phone: 020 7679 1164
18 March, 2015 - Farr Short Courses: Information Governance
Time: -
Location: The Farr Institute London , 222 Euston Road, London , NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

18 March, 2015 - MRC Prion Unit Events and Seminars: Title TBC
Time: 13:00 - 14:00
MRC Prion Unit Events and Seminars, hosted by the MRC Prion Unit, UCL and the Institute of Neurology.
Speaker information: Prof. Gillian Bates, Head of Neurogenetics Research Group, Kings College, London Hosted by: Professor Sarah Tabrizi
Location: 2nd floor Seminar Room, Institute of Neurology, Queen Square House, Queen Square, WC1N 3BG
Contact: Prion Unit
Email: michelle.gorham@uclh.nhs.uk
Phone: Please email

19 March, 2015 - Farr Short Courses: Designing Apps
Time: -
Location: The Farr Institute London , 222 Euston Road, London , NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

19 March, 2015 - UK Neuromuscular Translational Research Conference 2015
Time: -
Location: Life Conference and Banqueting, Times Square, Newcastle upon Tyne, NE1 4EP
Contact: Christine Oldfield
Email: christine.oldfield@ucl.ac.uk
Phone: Please email

19 March, 2015 - Wolfson Institute for Biomedical Research Seminar: Recent progress in understanding the mechanism of frontotemporal lobar degeneration
Time: 16:00 -
Speaker information: Professor Stuart Pickering-Brown, Institute of Brain, Behaviour and Mental Health. Please arrive 15 mins before start. Refreshments will be provided.
Location: The Wolfson Institute for Biomedical Research, Cruciform Café (1st Floor), Cruciform Building, Gower Street, London, WC1E 6BT
Contact: Alison Kelly
Email: alison.kelly@ucl.ac.uk
Phone: Please email

20 March, 2015 - Farr Short Courses: Record Linkage
Time: -
Location: The Farr Institute London , 222 Euston Road, London , NW1 2DA
Contact: Farr Short Courses
Email: farr-short-courses@ucl.ac.uk
Phone: Please email

20 March, 2015 - The International Association for the Study of Affective Touch: Inaugural Congress
Time: 13:00 - 14:00
Location: , 33 Queen Square , London , WC1N 3BG
Contact: Paula Barkay
Email: affectivetouch@gmail.com
Phone: Please email

25 March, 2015 - Division of Psychiatry seminar: The role of treatment beliefs in treatment adherence and outcomes
Time: 15:00 - 16:00
Organised by UCL Division of Psychiatry
Abstract TBC. Host: Prof Michael King, Division of Psychiatry.
Location: Cruciform B404 LT2, Cruciform, Gower Street, London,
Contact: Berni Courtney
External Events of Interest

Human Brain Anatomy course

9 – 11 March 2015
Guy's Campus, King's College London*
Hosts: Dr Paul Johns, BSc BM MSc FRCPath

Comprehensive introduction to neuroanatomy
Assumes minimal prior knowledge
Emphasises functional, clinical and MRI brain anatomy

The 3-day course is suitable for anyone with an interest in structural and functional brain anatomy. It is widely attended by a mixture of UK and international delegates at all levels from undergraduate student to professor.

Find out more

Origin and evolution of the nervous system – The Royal Society scientific discussion meeting

Monday 9 – Tuesday 10 March 2015
The Royal Society, London
Hosts: Organised by Professor Nicholas Strausfeld FRS and Dr Frank Hirth

This meeting will consider the origin of nervous systems, integrating knowledge ranging from evolutionary theory and palaeontology to comparative developmental genetics and phylogenomics. It will cover discoveries of fossil brains, as well as correspondences of neural circuit organisation and behaviours, all of which allow evidence-based debates for and against the proposition that the nervous systems and brains of animals all derive from a common ancestor.

This meeting is immediately followed by a related, two-day satellite meeting, Homology and convergence in nervous system evolution, at the Royal Society at Chicheley Hall. Please note the satellite meeting requires separate registration.

For more information please contact Naomi Asantewa-Sechereh at discussion.meetings@royalsociety.org or on 020 7451 2515.

Find out more
The Challenge of Chronic Pain

11-13 March 2015
Wellcome Trust Genome Campus, Hinxton, Cambridge, UK

Abstract and Student Bursary deadline: 30 January
Registration deadline: 16 February

Chronic pain is a major challenge in terms of human health and well-being. Approximately 20% of the population has an on-going pain problem and many are poorly treated with current medications. Because pain affects the elderly disproportionately, it becomes an increasingly important and expensive problem as our population continues to age. The growing use of neurotoxic drugs to treat cancer and infectious diseases, and the recognition of sexual dimorphism in both pain mechanisms and the clinical presentation of pain syndromes further emphasize the need to better understand the underlying biological mechanisms of pain, so that improved therapies can be offered to patients.

This exciting new Wellcome Trust conference will discuss recent discoveries and current challenges in pain research, with a focus on translating basic research insights into new therapies. We will highlight key advances in our understanding of peripheral and central pain mechanisms, pathways and processes; explore the clinical landscape of chronic pain and pain syndromes; and address innovative approaches in target validation in animal and human studies, and their translation into novel therapeutic interventions.

Speakers
Ralf Baron; David Bennett; Isabelle Decosterd; Xinzhong Dong; Patrik Ernfors; Claire Gaveriaux-Ruff; Giandomenico Iannetti; Ru-Rong Ji; Qiufu Ma; Emeran Mayer; Jeffrey Mogil; Jes Olesen; Frank Porreca; Philippe Seguela; Lee Simon; Claudia Sommer; Fan Wang; John Williams and Hanns Ulrich Zeilhofer

This meeting is aimed at scientists, clinicians, and those working in industry or on translational research who are interested in understanding chronic pain and improving the process from mechanism to therapy. We welcome the submission of abstracts from all areas relevant to the main themes of the meeting. Several oral presentations will be chosen from the abstracts submitted.

To facilitate a highly interactive conference, the number of places available will be limited to 150 participants; therefore, early registration is recommended.

Register Now by 16 February

Inaugural International Convention of Psychological Science - Call for Submissions

12-14 March 2015
Amsterdam

The inaugural International Convention of Psychological Science (ICPS) will be held in March 2015 in the Beurs van Berlage in the heart of Amsterdam. University College London colleagues Nilli Lavie and Chris Brewin are among the distinguished speakers participating in the featured integrative science symposia taking place at this inaugural event.

Convention attendees will hear the latest scientific findings across several broad themes, and through the unique pairing of symposia and
methodological workshops, will learn valuable skills to further the body of knowledge in ways that are only possible through an integrative focus.

ICPS also offers opportunities to submit symposium and poster presentations and to network with colleagues from around the globe. We invite you to visit the ICPS website to learn more about the meeting, programs, and the featured speakers, whom you will recognize as being among the world's leading experts in their fields.

It is the organisers’ hope that you will be able to be part of this meeting as presenters and as participants in this historic meeting. The Call for Submissions and Registration are open. The submissions deadlines are September 15th for symposia and September 30th for posters.

Contact: icps@psychologicalscience.org

Find out more

BNA2015: Festival of Neuroscience

12-15 April 2015
Edinburgh

Join us in Edinburgh for the UK’s biggest Neuroscience Event the BNA2015: Festival of Neuroscience!
From the 12-15th April, the British Neuroscience Association will host its flagship biennial meeting, the Festival of Neuroscience at the Edinburgh International Conference Centre. We are delighted to announce a top line-up of world renowned neuroscientists including 2 Nobel Laureates and over 240 speakers in total covering the hottest topics in neuroscience over 50 symposia.

As well as a fantastic scientific programme there will be a range of other activities including public events arranged by the Edinburgh International Science Festival which is running at the same time. There will a special “Speed Dating for Careers in Science” event aimed at students and early career scientists. This is your chance to pick the brains of those working in academia and other science-based professions in the space of one quick-fire session. Quiz the experts about their own career success secrets, get some hot tips for your career and use the event as a springboard to future career success.

Over 1200 people have already registered - please come and join us for this spectacular neuroscience festival!

More information at www.bna2015.org
Recent studies and the diagnosis of MND

Wednesday 6 May 2015
The Foresight Centre, University Of Liverpool, 1 Brownlow Street, Liverpool L69 3GL

This day meeting, organised by the Royal Society of Medicine and the Motor Neurone Disease Association, will bring together top neurologists and MND Specialists to explore recent studies looking into the diagnosis and early treatment of MND. Delegates will gain a better understanding of the key factors to recognise the early stages of MND vital to improving the quality of life and extending life expectancy in patients.

This meeting will explore recent methods helping diagnosis and will cover the initial stages at the GP Surgery, through to biomarkers and neuroimaging at the MND Clinic. This meeting would be valuable to neurologists, specialist nurses, geneticists, palliative care specialists, physiotherapists and GP's.

Delegates will gain a better understanding of the key factors to recognise the early stages of MND vital to improving the quality of life and extending life expectancy in patients.

Contact: regions@rsm.ac.uk

Find out more

Limbic brain anatomy course

1 – 2 June 2015
Guy's Campus, King's College London
Hosts: Dr Paul Johns, BSc BM MSc FRCPath

Neuroanatomy for psychiatry, neurology and neuroscience
More advanced course focusing on memory, cognition and emotion
(e.g. limbic lobe, hippocampus, amygdala, ventral striatum)

The limbic brain course is ideal for basic, clinical and imaging neuroscientists and is also very popular with NHS consultants and junior doctors in specialities such as neurology, psychiatry, radiology and neurosurgery.

Find out more
The 16th International Neuropsychoanalysis Congress: Plasticity and Recognition (and other topics)

9 – 12 July 2015
University of Amsterdam

Call for Papers: abstracts due on 1 February!

Speakers include: Cristina Alberini; François Ansermet; Marinus Van Ijzendoorn & Yoram Yovell

More Congress information, including registration, accommodation & more: Click here

We welcome proposals for presentations and symposia on this broad theme, from an experimental or clinical perspective. However, proposals on all other topics of relevance to neuropsychoanalysis are also welcome.

You are invited to submit abstracts for research presentations, posters, and symposia which have an explicit psychoanalytic or psychodynamic component. Click here for more info.

Abstracts are due by 1 February; please submit your abstracts by clicking here

Contact: paula.barkay@neuropsa.org

Find out more

Back to the top