

MATHEMATICAL & PHYSICAL SCIENCES



Faculty Focus - March 2017

Spotlight on...

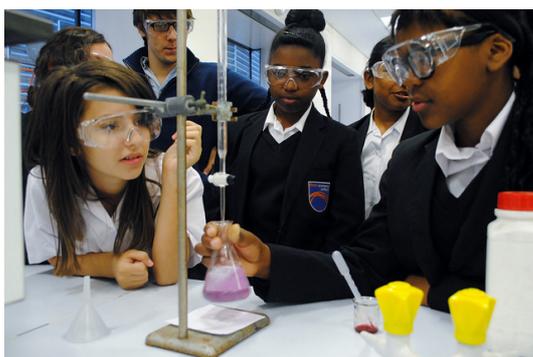
Professor Des McMorrow (Vice-Dean Research)

Des McMorrow is Professor of Experimental Physics at UCL, and a former acting director of the London Centre for Nanotechnology. His research is focused on understanding how electrons organise themselves in solids to produce the wonderfully diverse range of phenomena encountered in modern condensed matter physics. Prior to coming to UCL in 2004, he held academic appointments at the universities of Edinburgh and Oxford, as well as at the Niels Bohr Institute and Riso National Laboratory in Copenhagen.

[Read more...](#)



News, Announcements and Updates



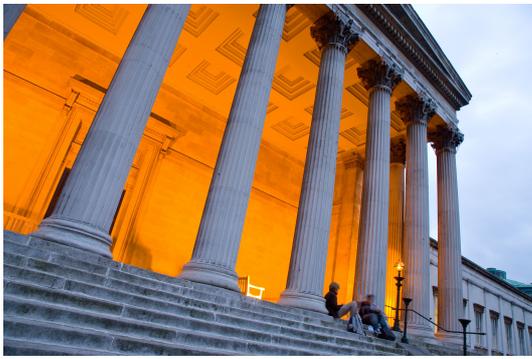
Widening participation outreach opportunity

Harris Academy Tottenham are hosting an 'Advancing towards A-Levels' event on Saturday 18th March, and would like a visiting speaker from UCL with a STEM specialism. This would be a 45 minute fun taster lecture for year 11 students covering UCL and the department.

[Contact Amy York for more information...](#)

UCL Employee Benefits

Information about the voluntary healthcare schemes are found under Health and Wellbeing. Participation in the AXA PPP is not salary sacrifice but the rates have



been discounted for UCL employees.

[Find out more...](#)



UCL Careers

Based in the old University of London Union (opposite Waterstones) on the 4th Floor on Malet Street, UCL Careers is here to help your students (and staff) find a good career path. They run events, workshops and offer specialist support.

[Find out more...](#)



Grand Challenges Small Grants Scheme is now open

UCL researchers can apply for up to £4,000 in funding for a research-informed, societally relevant, cross-disciplinary activity, undertaken between 1 Aug 17 - 31 Jul 18. Proposals must address a [Priority Theme](#) relating to one of the six UCL Grand Challenges. Closing date: 9am, Monday, 22nd May 2017

[More info...](#)

Faculty Highlights



First evidence of rocky planet formation in Tatooine system

Evidence of planetary debris surrounding a double sun, 'Tatooine-like' system has been found for the first time by a UCL-led team of researchers.

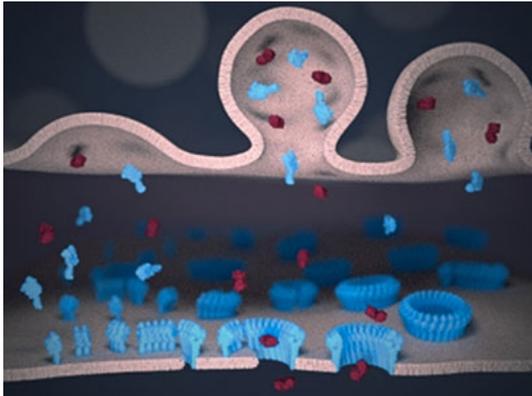
[Find out more...](#)



UCL part of new £100 million Rosalind Franklin Institute

UCL is involved in the Rosalind Franklin Institute (RFI) – a major new £100 million investment by the government into the development of an innovative multi-disciplinary science and technology research centre.

[Find out more...](#)



Immune system defence force captured in action

How the natural defence force within our immune system attacks and destroys harmful invaders such as virus-infected and cancerous cells has been visualised in microscopic detail by scientists from UCL, Birkbeck, University of London, Peter MacCallum Cancer Centre and Monash University, Australia.

[Find out more...](#)



UCL secures STFC funding to teach next generation of data-science experts

After a very competitive selection process, UCL has been chosen by STFC to host the Centre for Doctoral Training (CDT) in Data Intensive Science (DIS) and Technologies, the first CDT funded by STFC.

[Find out more...](#)

Events



MAPS Faculty Colloquium: 'Forests and frost? Antarctica in a 400ppm CO2 world: evidence from the rock record'

A talk from Professor Dame Jane Francis, the Director of the British Antarctic Survey on **15th March, 4:00-5:00pm**.

The colloquium will be followed by a drinks reception in the South Cloisters.

[Find out more...](#)

STS Booklauch - Nicholas Maxwell

21 March 2017, 6:00pm-8:00pm

This event celebrates with a brief talk and a party the launch of two books: *In Praise of Natural Philosophy* and *Understanding Scientific Progress*.

These two books make a decisive case for putting science and philosophy together to recreate natural philosophy to serve the best interests of humanity.

[More info...](#)

UCL Your Universe

2-4 March 2017

[More info...](#)

Institutions, Identities and Historical Practices in Science and Medicine - Prof Ludmilla Jordanova

20 March 2017, 6:00pm

[More info...](#)

MAPS Faculty Research Festival

12 April 2017

More information to follow.

Enterprise



Short courses in Entrepreneurship

UCL Innovation and Enterprise offer a range of short courses to graduate students and staff. These courses provide participants with the opportunity to enhance their knowledge and expertise of business and entrepreneurship through interactive and intensive workshops.

[See more...](#)



Science & Innovation 2017

[Key discussions will include an introduction to the Industrial Strategy Challenge Fund](#), as well as investment and collaboration prospects to enhance research and commercialisation to ensure the UK remains a world leader within research, innovation and industry.

[Register...](#)

UCLC Consultancy Courses

[UCL Consultants](#) will be holding "Introduction to UCL Consultants" lunchtime lectures which will cover the



definition of consultancy, UCL policies related to consultancy, and the administrative process for consultancy activity at UCL.

[See more...](#)

Training and Development



Tricks of the trade: ideas for generating interdisciplinary research

The challenges facing researchers are increasingly interdisciplinary. In this talk, Sir Alan Wilson, Chief Executive, The Alan Turing Institute will present a view of the foundations of research planning which will support originality and ambition within interdisciplinary frameworks.

[See more...](#)



UCL Lynda

Did you know that as a UCL member you get a fantastic range of learning opportunities for free? These include face-to face courses and workshops, demonstration sessions and online learning.

[See more...](#)



Introduction to Research Support @ UCL

A new regular training course is running to introduce PhD students to research support available during the course of their studies. The course is co-organised by the Doctoral School, Office of the Vice Provost (Research) and Library Services.

[See more...](#)

Submit your news: what would you like to hear about?

If you have any upcoming events that you like to be promoted to MAPS Faculty staff [please let us know](#).

Feedback on the faculty newsletter

Thanks to those who completed the UCL MAPS Internal Communications Survey. We have tried to take your comments on board when putting this newsletter together. We are keen to make sure that this addresses your needs so [please let us know](#) how we can continue to improve.



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