

MATHEMATICAL &amp; PHYSICAL SCIENCES



## Faculty Focus - February 2018

### Spotlight on...

**Nikki Baxter, Faculty Careers Officer**  
Nikki Baxter joined UCL MAPS in October 2017. She is passionate about helping students by providing careers information and connecting students with a wide range of employers and opportunities for work experience, so that they can make an informed decision about their career. Read more in [Nikki's full profile](#).



### News, Announcements and Updates



#### UCL Education awards

These awards seek to recognise and reward work that may not be visible to students – work that has enabled excellent practice or facilitated innovation in teaching and learning, perhaps at programme level or behind the scenes in student support. Please send your [nomination forms](#) to [Roger Gaywood](#) before **16 March**. [More info...](#)

#### UCL Research Strategy Consultation

The Office of the Vice-Provost for Research (OVPR) is developing the 2018 research strategy. They plan to consult widely over the coming months, but wish to invite the academic community to read the strategy and respond to the consultation before it closes on **5th**



February. Find out more on the [OVPR website](#).



### UCL Ethics Review Survey

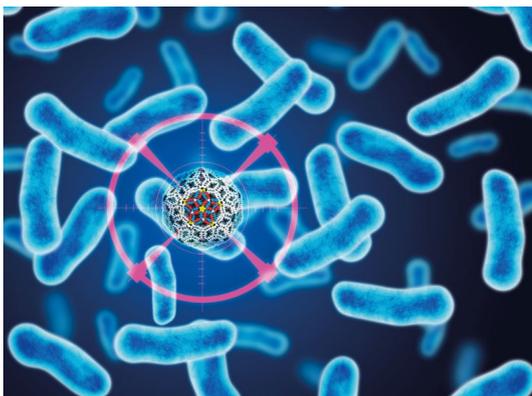
Your assistance is needed to map the research and projects undertaken in MAPS for an impact assessment of the proposed devolving of work currently done by the UCL Research Ethics Committee to faculties. Find out more about the [ethics review](#).



### New Blog post

Check out the new [blog post](#) from MSSL student Peter Taylor on how MSSL is using gravitational lensing to prepare for the launch of Euclid!

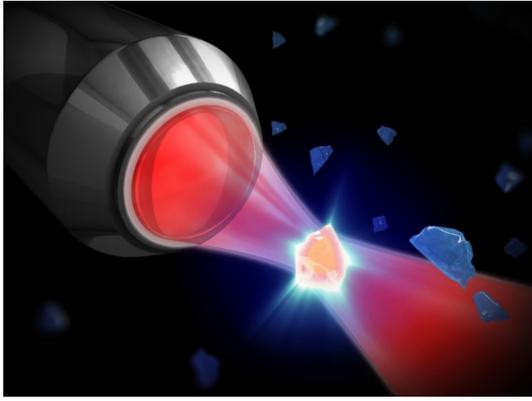
## Faculty Highlights



### Synthetic 'virus' to kill bacteria

A synthetic 'virus' that kills bacteria on first contact has been developed by UCL and National Physical Laboratory researchers (NPL).

Read more on the [faculty news page](#)



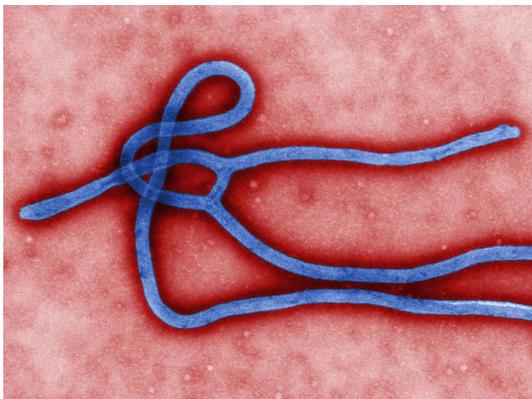
### **Groundbreaking experiment will test the limits of quantum theory**

Scientists from three UK universities are to test one of the fundamental laws of physics as part of a major Europe-wide project awarded more than £3m in funding. Read more on the [faculty news page](#).



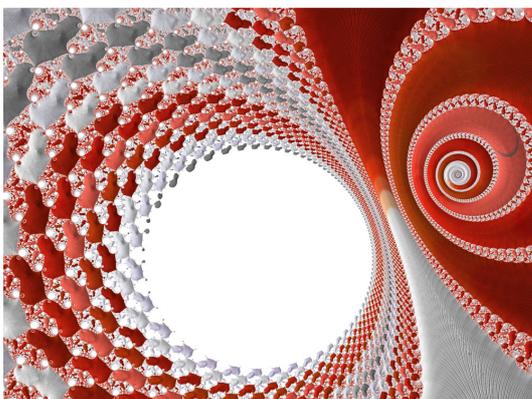
### **UCL Astrophysicists win Royal Astronomical Society awards**

Two UCL astrophysicists, Professor Mark Cropper and Dr Amelie Saintonge, have received prestigious Royal Astronomical Society awards this year. Read more on the [faculty news page](#).



### **New technology for diagnosing immunity to Ebola**

A promising new approach to detect immunity to Ebola virus infection has been developed by researchers from i-sense in a collaboration between UCL and Imperial College London. Read more on the [faculty news page](#).



### **Developing a secure, un-hackable net**

A method of securely communicating between multiple quantum devices has been developed by a UCL-led team of scientists, bringing forward the reality of a large-scale, un-hackable quantum network. Read more on the [faculty news page](#).



### Data on 400 million astronomical objects released

Scientists on the [Dark Energy Survey](#) (DES), which includes UCL researchers, announce their first three years of data including information on about 400 million astronomical objects such as distant galaxies billions of light years away as well as stars in our own galaxy. Read more on the [faculty news page](#).

## Events

### Centre for UCL IRDR Gender and Disaster Launch

7th March 6pm - 9pm

Wilkins Gustav Tuck Theatre

The IRDR Centre for Gender and Disaster will aim to develop awareness and responsiveness to gender for risks and disasters. Register for the event on the [eventbrite page](#).



### Fantasy Frontbench Debates: Is the UK doing enough about climate change?

28th February 6:45pm - 8:30pm

Wilkins Gustav Tuck Theatre

The Fantasy Frontbench Debate will be chaired by Helen Czerski (UCL Mechanical engineering), and will feature Natalie Bennett (Green party), Ahir Shah (comedian), Mark Maslin (UCL Geography) and Dr Emily Shuckburgh (British Antarctic survey). Find out more on the [eventbrite page](#).

FANTASY   
FRONTBENCH  
Debates

UCL Food, Metabolism & Society  
Research Domain ECR Network  
Launch

Tue 13 February 2018 2:30pm -  
7pm

Gavin de Beer Lecture Theatre, UCL  
Anatomy Building

[Register here](#)

UCL Science Society Meeting

27th February 2018 6pm

Galton LT 1-19 Torrington place

Further details on the [Science Society website](#)

## Enterprise



### Entrepreneurship for researchers

20<sup>th</sup> February – 6<sup>th</sup> March (one day per week).

This free three-day course is for research students and staff at UCL. It will help develop entrepreneurial skills you use in research. Find out more on the [course website](#).

## Training and Development



### An introduction to lecturecast

Lecturecast training available on 15<sup>th</sup> February and 22<sup>nd</sup> March. Book on the [single training booking system](#).

### 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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