

# FACULTY NEWS BULLETIN

23 September 2021



## ANNOUNCEMENTS

The Faculty would like to welcome Dominic Yeo, Randolf Altmeyer and Julian Sahasrabudhe, who join us as University Lecturers in DPMMS and Jonathan Gair who joins DAMTP as a Director of Research in the GR Group.

### PhD Approvals

Many congratulations to the following students who have recently completed their PhD's:

Oliver Leicht	DAMTP	Robust Estimation Techniques For Cosmological Analysis of Large Scale Structure
Torben Sell	DPMMS	Advanced Bayesian Monte Carlo Methods for Inference and Control
Andrew Swan	DPMMS	Superprobability on graphs

Congratulations to Professor Michael Green FRS (DAMTP) who has been awarded the [Royal Medal](#) by the Royal Society, with the citation: For crucial and influential contributions to the development of string theory over a long period, including the discovery of anomaly cancellation.

Congratulations to Dr Daria Frank (DAMTP) who has been awarded the [L'Oréal-UNESCO For Women In Science 2021 Rising Talent Mathematics and Computer Science Award](#).

Congratulations to Professor Jack Thorne FRS (DPMMS) has been awarded the [2022 New Horizons in Mathematics Prize](#), for his transformative contributions to diverse areas of algebraic number theory. The \$100,000 New Horizons prizes are awarded annually by the Breakthrough Prize Foundation to early career researchers who have already made a substantial impact on their fields.

### Call for Nominations for Clay Research Fellowships

The Clay Mathematics Institute (CMI) calls for nominations for its competition for the 2022 Clay Research Fellowships.

Clay Research Fellows are selected for their research achievements and their potential to become leaders in research mathematics. All are recent PhDs, and many are selected as they complete their thesis work. Each Fellowship will normally last until the holder is five years beyond the award of their doctoral degree. Fellows are employed by the Clay Mathematics Institute, which is a US charitable foundation, but may hold their fellowships anywhere in the USA, Europe, or elsewhere in the world, subject to local immigration and employment constraints. The fellowships provide generous salary (\$100k) and research expenses.

The primary selection criteria for the Fellowship are the exceptional quality of the candidate's research and the candidate's promise to become a mathematical leader. Selection decisions are made by the Scientific Advisory Board based on the nominating materials described below.

To nominate a candidate, please send the following items by 15 October 2021, to [president@claymath.org](mailto:president@claymath.org), copied to [admin@claymath.org](mailto:admin@claymath.org):

1. letter of nomination,
2. names and contact information of two other referees,
3. curriculum vitae for the nominee, and publication list for the nominee.

### University of Cambridge Sustainable Business Travel Policy consultation

The University of Cambridge is carrying out a consultation (led by The Sustainability team and Cambridge Zero) with staff and students to gain feedback on a draft Sustainable Business Travel Policy. All members of the University are invited to share their views on business travel, and give feedback on the draft policy through a 15-minute [consultation questionnaire](#).

Staff can also express an interest in attending focus groups or 1:1 discussions, either within the questionnaire, or by emailing [sustainability@admin.cam.ac.uk](mailto:sustainability@admin.cam.ac.uk). The consultation questionnaire will close at 3pm on Friday 29 October.

## Professional Services Recognition Scheme

Nominations are now open for this year's **Professional Services Recognition Scheme**. Details can be found on the [Professional Services Recognition Scheme website](#).

The scheme recognises, highlights and celebrates the very best work across all professional services, irrespective of whether those staff are within a School, department, faculty or non-School institution. The scheme is open to individuals and teams. Anyone may make a nomination.

Awards in 2021 will be made in the following categories, which both reflect the ourcambridge values established in 2019, and demonstrate the kinds of behaviours that are important to the University:

1. Being an Unsung Hero
2. Working as a team
3. Creating an inclusive community
4. Going above and beyond
5. Being kind to colleagues
6. Innovating and improving

Further details and full guidance as to how to nominate a team and/or individual can be found [here](#). Nominations must be made using the online form, by 5pm on Tuesday 5 October.

## EVENTS

### Maths Supervisor Training sessions

Research students have the opportunity to supervise (give small-group tutorials) undergraduates. Supervisions are normally arranged through Colleges, and can be a useful supplement to income but there is no obligation on research students to supervise.

The Supervisor Training sessions are intended for all new PhD students and, in addition, for anyone planning to supervise who has not previously attended a training session. All supervisors are required to have attended a training session, which is being run jointly by Researcher Development and the Faculty of Mathematics. Note that attending supervisions as an undergraduate is not a substitute for attending supervision training.

#### [Further information on supervising undergraduates](#)

Please book your session here:

Thursday 7 October 2021 (focused on those who did the Maths Tripos)  
1.30pm-4.00pm, on Zoom. Book [here](#).

Monday 11 October 2021  
1.30pm-4.00pm, on Zoom (focused on those who did NOT do the Maths Tripos). Book [here](#).

Thursday 14 October 2021  
1.30pm-4.00pm, on Zoom (for either). Book [here](#).

### Women's Staff Network - Networking and Discussion: The Only Way is Up?

7 October, 11am-12 noon

October's networking discussion will focus on career progression and debate questions that were raised in a [recent WHEN article](#). Is it every woman's dream to move upwards, in pursuit of title, income, and status? Should success be measured in such a linear way?

Why is it seen as important to reach the heights of senior management to be considered a success story? How can you shape your current job role to improve your satisfaction? Join to discuss these questions further and meet new colleagues. Book your place [here](#).

### Bach Choir and the Philharmonia Orchestra in the Royal Festival Hall

24 October, 3pm

Join The Bach Choir and the Philharmonia for a programme of music on the themes of consolation and reflection, marking The Bach Choir's return to the concert platform. Gabriel Jackson's The Promise is a short but emotive a cappella work which is presented to you alongside a powerful film recorded by The Bach Choir and released in July 2021. Vision of a Garden by Ivor Novello composer award-winner Richard Blackford sets compelling text by Bach Choir member **Professor Peter Johnstone (DPMMS)**, based on diaries created for him by NHS staff during many weeks on a ventilator in hospital as he battled - and overcame - COVID. Following the interval, Fauré's Cantique de Jean Racine and Requiem, two supremely beautiful choral works, offer a period of reflection and hope for the future. Click [here](#) to book tickets.

## GENERAL INFORMATION

### **CMS Covid Guidance**

As we approach the start of term and more of us return to CMS, please review the recently updated 'CMS Covid Guidance.' In addition, guidance for the use of offices and common rooms, prepared by our ventilation experts, Professor Stuart Dalziel and his team, will shortly be available.

Please regularly check [online](#) for the most-up-to-date versions.

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### **PostDoc Academy**

If you are a new post doc in the Faculty, please be aware of the work that the Postdoc Academy do to enable each individual postdoc to realise their potential, in their own ambitions, and in contributing to the University and society as a whole. They do this through professional development, policy advocacy and pastoral services, as well as the provision of physical community-building spaces across the city.

Their work covers:

- Policy and Research Culture
- Leadership Fellowships
- Innovation and entrepreneurship training
- Researcher development
- Communication
- Supporting postdoc networks and societies
- Provision of the Postdoc Centres

For more information see their [website](#) for news and events.

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